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EXPENDITURES IN THE DEPARTMENT OF AGRICULTURE.

LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

A DETAILED STATEMENT OF THE EXPENDITURES OF ALL AP-PROPRIATIONS FOR THE FISCAL YEAR ENDING JUNE 30, 1901, INCLUDING SUPPLEMENTAL ACCOUNTS TO OCTOBER 14, IN-CLUSIVE.

DECEMBER 2, 1901.—Referred to the Committee on Expenditures in the Department of Agriculture and ordered to be printed.

> DEPARTMENT OF AGRICULTURE, Office of the Secretary, Washington, D. C., November 26, 1901.

SIR: I have the honor to present herewith, in conformity to law, a detailed statement of the expenditures of all appropriations for the Department of Agriculture for the fiscal year ending June 30, 1901, arcluding supplemental accounts to October 14, inclusive. Very respectfully,

> JAMES WILSON, Secretary.

The Speaker of the House of Representatives.

Expenditures of Department of Agriculture for year ending June 30, 1901 SALARIES.

Name.	Amount.	Name.	Amount.
mes Wilson J.H. Brigham W.L. Moore W.E. Salmon Jeveland Abbe Frank H. Bigelow Jno. Hyde Andrew Geddes F.L. Evans A. D. Melvin G. W. Hill P. V. Coville L. O. Howard C. H. Merriam B. T. Galloway	4,500.00 5,000.00 4,000.00 3,600.00 3,000.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00	Milton Whitney F. Lamson-Scribner Gifford Pinchot E. B. Garriot H. J. Cox A. M. Farrington E. A. de Schweinitz A. J. Henry V. A. Norgaard A. F. Woods H. W. Wiley H. E. Alvord C. W. Stiles H. E. Williams A. Zappone	2, 285, 60 2, 250, 00 2, 250, 00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. SALARIES—Continued.

Name.	Amount.	Name.	Amount.
S. R. Burch	\$2,000.00	G. W. Hay	\$1,400.00
J. B. Bennett C. B. Lower H. C. Frankenfield	2,000 00 2,000.00	G. W. Hay H. J. Penrod Theo. T. Moore	1,400.00
C. B. Lower	2,000.00	Theo. T. Moore	1,400.0€
H. C. Frankenfield	2,000.00 2,000.00 2,000.00	H. L. Heiskell J. J. Bain Jno. C. Stewart Henry Pennywitt M. C. Bennett H. C. Kimball Jno. C. Foy Sophia A. Benter C. B. Tuch M. B. Waite R. W. Hickman McP. Reynolds	1,400.0t
Alex. G. McAdie E. A. Beals	2,000.00	J. J. Balli Ino C Stowent	1,400.00
E. A. Beals Jas. Berry D. J. Carroll J. P. Church E. D. Yerby Jos. A. Arnold R. W. Reese L. H. Dowey T. S. Palmer W. A. Taylor E. E. Ewell E. C. Schroeder	2 000 00	Henry Pennywitt	1, 400.00 1, 400.00
D. J. Carroll	2,000.00	M. C. Bennett	1,400.00
J. P. Church	2,000.00	H. C. Kimball	1, 400.00
E. D. Yerby	1,800,60	Jno. C. Foy	1, 400, 00
Jos. A. Arnold	1,800.00	Sophia A. Benter	1,400.00
R. W. Reese	1,800.00	C. B. Tuch	1,400.00 1,350.00 1,331.50
E. B. Jones	1,800.00 1,800.00	M.B. Waite	1,350.00
T C Polmor	1,800.00	MeP Reynolds	1, 331. 50
W A Taylor	1,800.00	Emma B Hawks	1, 232. 70
E. E. Ewell	1,800.00	M. Haas	1, 223. 09
E. C. Schroeder	1 800 00	R. W. Hickman McP. Reynolds Emma B. Hawks M. Haas A. G. Guthridge Thos. Ray M. Helen Burr C. K. Bragden E. H. Stevens	1,500,50
R. A. Pearson	1,800.00	Thos. Ray	1,200.00 1,200.00 1,200.00
Jno. R. Mohler H. H. Gerdes Geo. F. Thompson	1,800,00	M. Helen Burr	1,200.00
H. H. Gerdes	1,800.00	C. K. Bragden	1,200.00
Jeo. F. Thompson	1,800.00 1,800.00	E. H. Stevens	1,200.00
L.J.Briggs T.B.Harrison	1,800.00	E. H. Stevens Virginia Miller M. B. Zimmerman	1,200.00
C. L. Marlatt	1,800.00	F. H. Wagner	1,200.00 1,200.00 1,200.00
I R Robinson	1,800.00	B M Dodson	1,200.00
D. T. Maring	1,800.00	M. T. Chapman	1, 200, 00
D. T. Maring Jas. R. Cook F. M. Cleaver	1,800.00	B. M. Dodson M. T. Chapman Flora Schmidt	1,200.00 1,200.00 1,200.00
F. M. Cleaver	1.800.00	W. M. King H. R. Smedes V. R. Wharton	1 200 00
R. B. Handy G. K. Holmes O. W. Price	1,800.00 1,782.95	H. R. Smedes	1,200.00 1,200.00 1,200.00
J. K. Holmes	1,782.95	V. R. Wharton C. B. Finckel W. W. Tracy, jr Otto Heidemann M. A. Champney E. R. Preble D. A. Passmore A. M. Winfield Mary T. Dent M. H. Mahan Mary G. Marshall C. F. Morris M. A. S. Coleman A. H. Kinnear	1,200.00
J. W. Price	1,648.40	C. B. Finckel	1,200.00
J. B. Brackett M. Marjorie Brigham W. C. Pennywitt W. W. Jones	1,616.85 1,600.00	Orto Hoidomann	1, 200. 00 1, 200. 00 1, 200. 00
W C Pennywitt	1,600.00	M A Champage	1,200.00
W W Jones	1,600.00	E. B. Preble	1 200 00
J. A. Harvey L. F. Harrington	1,600.00	D. A. Passmore	1,200.00
L.F. Harrington	1,600.00	A. M. Winfield	1,200.00
	1,600.00	Mary T. Dent	1,200.00 1,200.00 1,200.00
W. W. Long	1,600.00	M. H. Mahan	1,200.00 1,200.00 1,200.00
C.A. Leith	1,600.00	Mary G. Marshall	1,200.00
A. J. Pleters	1,600.00 1,600.00	M A C Colomon	1,200,00
Allen Dedge	1,600.00	A H Kinnear	1,200.00
W. G. Bigelow	1,600.00	Wm. Berry	1, 200, 0
Teo. L. King W. W. Long J. A. Leith A. J. Pieters Theo. Pergande Allen Dodge W. G. Bigelow Albert Hassall	1,600.00	M. A. S. Coleman A. H. Kinnear Wm. Berry Harry L. Hill R. F. de Grain E. E. Simpson J. H. Melton W. D. Pouton	1, 200.00 1, 200.00 1, 200.00 1, 200.00
Robt. Sey both Frank Gillam P. C. Day Jeo. E. Hunt	1,600.00	R. F. de Grain	1. 200.86
Frank Gillam	1,600.00	E. E. Simpson	1,200.00 1,200.00
P. C. Day	1,600.00	J. H. Melton	1,200.00
deo. E. Hunt	1,600.00	W. D. Porter R. D. Meston S. A. Potter H. W. Smith	1,200.00
J. H. Jones C. B. Clark B. D. Stallings	1,600.00 1,582.88	G A Potton	1,200.00 1,200.00 1,200.00
B D Stallings	1,575,47	H W Smith	1,200.00
	1,500.00	J.S. Whiteside	1. 200.00
A. K. FISHET H. W. Olds Jas. A. Emery Jas. W. Wilson C. M. Daugherty Jarleton P. Ball Jas. E. Jones	1,500.00	J. S. Whiteside Jas. M. Watson Arthur Thompson B. P. N. Spencer Benj. A. Bluden E. M. Mattison	1,200.00 1,200.00
Jas. A. Emery	1,496.20	Arthur Thompson	1,200.00
Jas. W. Wilson	1,493.75	B. P. N. Spencer	1,200.00
J. M. Daugherty	1,465.20	Benj. A. Bluden	1, 200.00 1, 200.00 1, 200.00
Carleton P. Ball	1,450.00	E. M. Mattison. E. A. Brown	1,200.00
J. M. Drico	1,400.00 1,400.00	C I Ionas	1,200,00
I. N. Price Anna A. Houseman Carrie L. Du Bois	1,400,00	W. M. Husson. Clinton Ashton. Homer W. Clough Ruby S. Hotze. Jas. M. Pickens.	1,200.00 1,200.00 1,200.00
Parrie L. Du Bois	1,400,00	Clinton Ashton	1, 200, 00
	1,400,00	Homer W. Clough	1.200.09
C. C. Cox	1,400.00	Ruby S. Hotze	1, 185. 3
, H. Hendrick	1,400.00	Jas. M. Pickens	1,160.8
eo. W. Bauman	1,400.00	C. C. Carroll	1, 160. 8 1, 145. 1
S. G. Ward, jr	1,400.00	Frank O. Stetson	1, 134.
M. McOutchen F. C. Cox. I. H. Hendrick Geo. W. Bauman E. G. Ward, jr I. P. M. Haas D. W. Stier Frank Banton	1,400.00 1,400.00	H. M. Kendrick Nellie F. Houghton	1, 134. 7 1, 100. 1, 097.
rank Benton	1, 400.00	A I Mudd	1,088.
E L Beal	1,400.00	A. I. Mudd A. McC. Ashley C. L. Shear	1,067,20
Tain Behon T. E. L. Beal Mary Sullivan Evelyn Lyons.	1,400,00	C. L. Shear	1,067.20 1,065.00
Evelyn Lyons	1,400.00		1, 050, 00
N. Gregory	1,400.00	C. H. Greathouse E. L. Ogden Almont Barnes	1,050.00 1,032.80
N. Gregory N. S. D. Haines S. W. Beals	1.400.00	E.L. Ogden	1,032.80
. W. Beals	1,400.00	Almont Barnes	1,005.31
. T. FOV	1,400.00	D. Marean	1,004.33
H. W. Smith	1,400.00	Helen E. Gray. Mary E. Williams W. F. Tomlinson	1,000.00 1,000.00
· U. I USII	1,400.00	mai y 11. W IIIIailis	1,000.00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. SALARIES—Continued.

	SALARIES-		
Name.	Amount.	Name.	Amount.
I. S. Pennybacker, ir	\$1,000.00	Danl, F. O'Neil	\$840.00
I. S. Pennybacker, jr	1,000.00	Edw. Dillon Hermann Perle	840.00
M E Edwards	1,000.00 1,000.00	Hermann Perle	840.00 840.00
M. C. Stoddard M. E. Thorn	1,000.00	Hermann Perle. Wm. Patrick Gustav E. Rausch Jas. F. Collins L. M. Cleveland C. P. Fletcher Louisa Tayler Jas. S. Burkley Marion Dorset	840.00
F. J. P. Cleary C. E. Bracey E. L. Clarke	1,000.00	Jas. F. Collins	840.00
C. E. Bracey	1,000.00	L. M. Cleveland	837. 01 832. 40
C Weldren	1,000.00 1,000.00	Louisa Tayler	852. 40 821. 19
C. Waldren A. M. Wright A. H. Love F. C. Cooney	1.000.00	Jas. S. Burkley	817.90
A. H. Love	1,000.00	Marion Dorset	800,00
F. C. Cooney	1,000.00 1,000.00		798.90 798.90
Edgar Brown A. H. Howell Bertha Heiges	1,000.00	Raiph Hosmer Danl. J. Herndon Mary A. Dolan Geo. M. Ruffin	796. 70
Bertha Heiges	1,000.00	Mary A. Dolan	796.70 788.76 777.60
S. E. Miller M. N. Barnard B. G. Wasdon	1,000.00 1,000.00	Geo. M. Ruffin	777.60
R G Woodon	1,000.00	W. E. Cotton Harry Crompton	746.30 720.00
Mary E. Fagan	1,000,00	Thos. Rutledge	720.00
M. C. Montgomery	1,000.00	A. J. Hodges Clarence Bean	720.00
Honry Wineklemann	1,000.00 1,000.00	Clarence Bean W. H. Johnson	720.00 720.00
Janette Stewart	1,000.00	L. D. Frost	720.00
Nathl. Shattswell.	1,000,00	B. T. Ridgeway	720, 00
B. G. Wasdon Mary E. Fagan M. C. Montgomery B. C. Oberly Henry Wincklemann Janette Stewart Nath! Shattswell Mattie H. Chapman S. P. Mannick	1,000.00 1,000.00	L. D. Frost B. T. Ridgeway M. F. Ryon W. H. Moore	720.00
Genevra B. Diehl	1,000.00	H. S. Mott	720, 00 720, 00
Mattie H. Chapman S. P. Mennick Genevra B. Diehl C. E. Hesse Herman Volker Frank D. Emery A. T. Burrows Ralph B. Marean A. H. Thiessen Harry B. Wren J. B. Monroe Hiram Johnson P. A. Claveloux Isaac M. Dolph C. H. Pelcher	1,000.00	H. S. Mott R. H. Cooke	720.00
Herman Volker	1,000.00	Thad. Fairfax. Alfred Hawkins Jno. Nicholas	720.00
A T Burrows	1,000.00 1,000.00	Ino Nicholas	720.00 720.00
Ralph B. Marean	1,000,00	Frank P. Evans	720.00
A. H. Thiessen	1,000.00	J. S. Lee	720.00
Harry B. Wren	1,000.00 1,000.00	Geo. Hall	720.00 720.00
Hiram Johnson	1,000.00	Geo. Hall W. P. Steadman C. C. Crogan	720.00
F. A. Claveloux	1,000.00	A. H. Kite W. C. Shimoneck	720.00
Isaac M. Dolph	1,000.00	W. C. Shimoneck	720.00
C. H. Pelcher B. B. Blankman Jos. B. Wilson W. Parker	1,000.00 987.77	Mose Smith Virginia Peticolas	720.00 720.00
Jos. B. Wilson	900.41	Virginia Peticolas Jno. M. Groff	720,00
W. W. Parker	964.61	Michael Hayes Saml. L. Howard Chas. W. Chambers Frank M. Angelo	720.00
J. A. Wilson L. J. Smith	952.95 948.90	Chas W Chambars	720.00 720.00
Alow Achlor	936.26	Frank M. Angelo	720.00
E. G. Johnson	935, 80	R. H. Morton Matt. Mahany David Keller	720,00
Action Ashrey E. G. Johnson M. A. Goodchild Guy N. Collins Saml. L. Mosby Chas. F. Talman Thos. Riggles	926.88 917.60	Matt. Mahany	720, 00 720, 00
Saml. L. Mosby	917.60		720.00
Chas. F. Talman	917.60 908.20	M. S. Bowie E. D. Merrill	711.68
Thos. Riggles	900.00	E. D. Merrill	700.00
Emily E McDonell	900, 00 900, 00	Max West	695.63 693.60
H. C. Oberholser Emily E. McDonell Edna M. Frost	900.09	H. A. Christman L. T. Harrison Tooie A. Geddes	680.87
W. P. Cutter	900, 00	Tooie A. Geddes	668.50
Rell Gaston	900,00 900,00	Ch. Mohr	668.10 663.90
W. P. Cutter Alice T. Herens Bell Gaston Richard Breaden	900,00	Gr. Monr S. D. Judd Lina B. Goetz Geo. W. Sheerer W. K. Durnbaugh W. Plummer	660.00
W. F. Tastet	888.63	Geo. W. Sheerer	660.00
Thos A Williams	866, 20 856, 01	W.K. Durnbaugh	660. 00 660. 00
Michard Breaden W. F. Tastet. Marjorie F. Warner Thos. A. Williams Laura F. Hawkins Flora W. Patterson Lawrence Gallagher Law Williams	845.08	W.O. Harvey	660.00
Flora W. Patterson	840.03	W.O.Harvey Horace F. Lyon Jno. A. Balster	660.00
Lawrence Gallagher Jas. Williams	840.00	Jno. A. Balster	660.00
	840.00 840.00	Mn. Emerson J. M. Boardman Mary A. Nelson A. J. Newmeyer W. F. Deakins J. K. S. Tabler H. P. Hottenstein Frank Syngama	641.54 635.44
Wm. Collier A. H. Brooks	840.00	Mary A. Nelson	630.00
J. A. Mason	840.00	A. J. Newmeyer	613.98
J. A. Mason. W. A. Murray Annie Parker	840.00 840.00	J K S Tabler	600.00 600.00
S. E. Jenkins	840.00	H. P. Hottenstein	600.00
Sara Skinner	840.00	Frank Sprague	600.00
Sally G Adams	840.00 840.00	Wm. Talbot	600.00
R. F. Johnson	840.00	Edw. McDermot	600.00 600.00
Thos. B. Reamy	840.00	R. S. N. Sartz	600.00
S.E. Jenkins Sara Skinner A. L. Berry Sally G. Adams R. F. Johnson Thos. B. Reamy A. C. Crain W. R. Brandenburg F. R. Fravel Mary Long	840.00	Wm. Talbot Myron Baker Edw. McDermot R. S. N. Sartz Robt. W. Williams Plato T. Lee	600, 00
F. R. Fravel	840.00 840.00	R. E. Rozzelle	600.00
Mary Long E. H. Halbach	840, 00 840, 00	R. E. Rozzelle Jesse Jones Fred Rice	596. 67 587. 40

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. SALARIES—Continued.

Name.	Amount.	Name.	Amount.
A. H. Hitchcock	\$585.00	Carrie Myers	\$189.2
Γ. A. Scott	584.20	F. L. J. Boettcher	188. 2
W. E. Griffith	543.63	Chas. Holmes	184. 6
Celia Gillety	540, 00	Amand Lomax	180.0
W. R. Beattie	525, 00	Edw. Bailey	
H. E. Brown	520.78	J. A. Murphy	178.2
Wm. Saunders	495, 93	Middleton Smith	167. 6
Emily Warner	480.00	H. S. Graves	167.6
Martha Boss	480.00	Wm. McLane	151.6
Susie Morgan	480.00	Jno. Roberts	151.5
M. E. Skinner	456, 56	J III Watlington	140.8
Harry W. Madell	450.00	J. T. Watlington	135.8
E. Tait	450.00	Kate McCarthy	135.3
Danl. J. Brown		Henry Farquhar	134.8
Proply Mothogra	450.00	O. W. Wyatt	129.2
rank Mathews Geo. S. Waldo	447.55	Wm. Mozee	122.0
7 H Olmatad	445.01	E. N. Holledge	121.2
7. H. Olmsted	417.05	Sarah L. Garner	117.9
V. A. Sherman	416.60	J. J. Schutte	115.
7. P. Bradford	416. 10	Jas. B. Adams	115.
. H. Fisher	406.27	E. V. Wilcox	114.2
B. B. Bagby	360.00	C. R. Linfoot	111.3
V. A. Orton	353. 33	Juliet King	105.0
C. R. Barnett	350.00	J. J. Games	103.8
Anna C. Kelton	348.91	Estelle O'Rouke	101.8
Flora Steineger	336.10	G. M. Ruffin	82.4
Ernest T. Giers	336.10	Ottis H. Yates	82.4
rvin Frickey	329.35	Jacob Adams	79. 3
. C. I. Evans	329.35	E. D. Gould	73. 5
essie A. Murphy	315.00	Jno. C. Welsh	69.3
Claude Dobbins	312, 63	J. Wm. Fink	57.0
Ino. Sullivan	311.35	E. G. Johnson	57.0
Abbie R. Knapp	307.97	Ella Woolard	50,0
ertrude E. Upton	296.30	Jno. E. Clements	40.0
Louis S. Caswell	279.05	B. M. Noone	38.9
Delia Wilcox	254, 45	Maggie C. Minitor	33.
B. Gregory	251, 11	Mary A. Minitor	25.
Belle O. Saunders	251.10	Sarah I. Proctor	11.
izzie Rollins	240.00	M. E. Rollins	9.
Belle Meek	240.00	C. H. Norman	6.
Charity Broadus	240.00	Margaret Phillips	4.
Baltimore	240.00	John Higgins	4.
. M. Ridley	240.00	Jno. Howard	4.
ucy Payne	240.00	C. A. Norman	3.
H. Kearner, jr	235, 80	Albert Woodard	3.
lara A. Templeton	235. 36	Jno. W. Harris	3.
Imma S. Thompson	234.60	Geo. Banks	3.
E. Leonard	228.29	Wm. Lewis	1.
I Olin	213.06	Sandy Higgins	1.
A. J. Olin	212.04	Sandy Higgins	1.
Heo. W. Brett		Geo. Johnson	1.
Mary E. Ryder	210.00	m-4-1	170 00
as. Morrison	202.20	Total	472, 365.
Richard Falconer	195.66		

Date.	Name.	Nature of payment.	Total.
1900. July 18 19 24 25 28 Aug. 11	S. R. Burch D. E. Salmon S. R. Burch A. L. Reynolds The Chandler & Rudd Co Tooie A. Geddes R. A. Pearson do W. M. Galt & Co Louise Breeden et al W. (‡. Orr & Co Chas. Lentz & Sons Aquila Mitchell Jno. S. Buckley H. A. Christman W. H. Rose et al Julius Huelsen et al Murray J. Myers Peter I. Kershner W. D. Jorden Chas. A. Brown	Cheese	25, 00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

	M. B. Miller Arthur M. Rork Wm. G. Shaw Dan McCunningham W. B. Lincoln Harry L. McDonald Geo. S. Hickox W. E. Hill Howard M. Burgess Leslie J. Allen Thos. Castor C. H. Stevens R. J. Blanche Thos. A. Bray Harry D. Paxson H. D. Mayne S. E. Bennett et al J. J. Brougham et al Jno. McBirney et al W. S. Cass et al L. R. Baker et al Fredk. Braginton et al Albert Dean et al Jas. S. Kelly et al T. J. Turner et al Joshua Miller et al Geo. Ditewig et al E. P. Schaffter et al A. J. Payne et al R. W. Hickman et al C. H. Zink et al Jas. Johnston et al Edw. P. Dowd et al C. A. Schauffer et al A. G. G. Richardson et al M. J. Murphy et al E. L. Volgenau et al F. W. J. Murphy et al E. L. Volgenau et al F. W. A. Hinsworth et al O. E. Dyson et al E. W. Barthold et al B. S. Paddock et al Ira K. Atherton A. B. Morse W. H. Gibbs O. W. Snyder Robt H. Treacy Jas. Irwin Theodore Kanter Benj. Howes Chas Cowie C. L. Morin Morris Wooden et al Morse W. H. Gibbs O. W. Snyder Robt H. Treacy Jas. Irwin Theodore Kanter Benj. Howes Chas Cowie C. L. Morin Morris Wooden et al A. R. Wake et al A. R	Nature of payment.	T
	•		
7	M. B. Miller	Services	
	Arthur M. Rork	do	
	Dan McCunningham	do	
	W. B. Lincoln	do	
	Harry L. McDonald	do	
- 18	Geo. S. Hickox	00	
1	Howard M Burgess	do	
- 1	Leslie J. Allen	do	
	Thos. Castor	do	
	C. H. Stevens		
	Thos A Bray	do	
	Harry D. Paxson	do	
	H.D. Mayne	do	
1	S. E. Bennett et al	Salaries	5, 2,
	Jno McBirney et al	do	ĩ,
	W. S. Cass et al	do	1.
	L. R. Baker et al	do	î,
	Fredk. Braginton et al	do	
	Joe S Wally at al	do	
	T. J. Turner et al	do	
۱	Joshua Miller et al	do	
	Geo. Ditewig et al.	do	
	A. J. Payne et al	do	
1	R. W. Hickman et al	do	2, 1, 1,
1	C. H. Zink et al	do	1,
	Jas. Johnston et al	do	1,
J	C A Schauffer et al	do	-,
	F. W. Huntington et al	do	
	A. G. G. Richardson et al	do	
	W. J. Murphy et al.	do	
î	E. L. Volgenau et al	do	
ı	O. E. Dyson et al	do	8.
ľ	E. W. Barthold et al.	do	8, 1,
I	B. S. Paddock et al	do	
V	A R Morse	Services	
V	W. H. Gibbs	do	
0	O. W. Snyder	do	
ı	Robt. H. Treacy	do	
ı	Theodore Kanter	do	
ı	Benj. Howes	do	
1	Chas Cowie	do	
1	C. L. Morin	Calarias	5
	Don C Aver et al	do	4
	Jno. Forbes et al	do	$\hat{2}$
	Niels C. Sorensen et al	do	5, 4, 2, 1,
	W. C. Borth et al	do	
	Wm. Thompson et al	do	1,
	Frank G. Ketchum et al	do	1,
1	O. B. Hess et al	do	-,
1	A. K. Wake et al	do	1,
1	Walter J. Stewart et al	do	1,
1	George S. Baker et al	do	1,
ŀ	Saml. E. Cosford et al	do	
	F. N. Hutchinson et al	do	
1	E. T. Davison et al.	do	
1	L. Enos Day et al	do	
1	Frank T. Shannon et al	do	
	Louis K Green et al	do	
	Ada K. Gannon	Services	
1	A. G. G. Richardson	Use of horse and buggy	
1	A. F. MacLaren	Cheese	
1	H. F. Miller & Sons	Tin cans	
	Charles Keane et al	Salaries	
	A I Pictor	Services	
	D. Cumming G. W. Ward		

$Expenditures of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901 - {\tt Cont'd}.$

Date.	Name.	Nature of payment.	Total
1900.			
ug. 11	F. L. Russell	Services	\$32
	John A. Bell		32
	Julius Huelsen	Office expenses	5
	E. C. Schroeder L. Enos Day	Office expenses	5
	C. W. Stevens	Traveling expenses	44
	C. W. Stevens Schwarzchild & Sulzberger Co	Freight	11
	J. R. Miller	Butter	3
	A. E. Behnke	Butter	35
	Jas. Vincent	Calf	25
	Orrin W. Snyder	Keeping horse	20
	J. P. Burrows George Bower	Hog cholera mixture, etc	8
	A Rauman in	Mare Use of horse and buggy	60 20
14	A. Bauman, jr W. B. Moses & Sons	Chair cushion	5
11	M. Du Perow	Electric fans	64
	Geo. E. Howard & Co	Blackleg envelopes	36
	Robert Castleberg	Eveglass cords	2
	Edw. S. Schmidt	Prepared feed	6
	Mackall Bros E. Morrison Paper Co	Supplies	34
	E. Morrison Paper Co	Envelopes	6
	Z. D. Gilman	Binders' board	30
	Z. D. Gilmando	Tar, etc	18
16	Henry B. Armsby et al	Salaries	250
10	F. M. Hunter	Services	84
	W. H. Wrav	dodo	84 387 168
	J. F. Ryder L. P. Beechy	do	168
	L. P. Beechy	do	101 85
	do	Traveling expenses	85
	J. A. Brown	do	14
	W. E. Hill Peter I. Kershner	do	3
	R. J. Blanche	do	13 5
	M B Miller	do	6
	M. B. Miller Howard M. Burgess	do	ĭ
	Jas. Kunes	do	8
	W. C. Honan	do	19
	Robt. H. Treacy Arthur C. Hart	do	64
	Arthur C. Hart	do	4
	J. F. Ryder W. H. Wray	00	45
	W. H. Wray	Office expenses	17
	Chas. M. Day	do	9
	W. S. Cass	do	2
	A. R. Wake	do	4
17	A. R. Wake Arthur M. Rork	Traveling expenses	21 29 47
	Thos Castor McP. Reynolds E. N. Hutchinson W. B. Niles	do	29
10	McP. Reynolds	do	47
18	W. P. Nilog	Unice expenses	21
	Ahram M Adams	do	61
	Chas. M. Day	do	60 100
	Lowell Clarke	do	88
	McP. Reynolds E. N. Hutchinson W. B. Niles Abram M. Adams Chas. M. Day Lowell Clarke L. J. Allen Thos A Bray	do	88 27 34
	Thos. A. Bray	do	34
20	L. J. Allen Thos. A. Bray Page County Bank Chas. O. Brockway Lagrange Creamery Co C. E. Udell & Co lowa Telephone Co The Harrington & King Perforating Co F. W. Honkins	Office rent	8
	Unas. O. Brockway	Duplicate tags	16 15
	C. E. Udell & Co.	Cheese	15 24
	Iowa Talanhone Co	Telephone services	2
	The Harrington & King Perforating Co	Supplies	28
21	F. W. Hopkins	Supplies Services	117
	Rice P. Heddom	do	117
	F. T. Dolan	do	101
	The Harrington & King Perforating Co. F. W. Hopkins. Rice P. Heddom. F. T. Dolan. W. P. Ellenberger Jos. M. Turner. Walter M. Foster. Harry B. Adair. Juo. E. Munn. Wm. D. Lordon.	do	101
	Jos. M. Turner	00	75
	Harry B Adain	Traveling expenses	60 27
	Ino E Munn	do	14
	Wm. D. Jorden	do	101
	Geo. S. Hickox	do	108.
	F. Kral	Bacterial cultures	10.
	F. Kral The Schovill & Adams Co. of New York	Zeiss lens	50.
	Joe Mathy St. Louis National Stock Yards Co	Iron pipe	64.
	St. Louis National Stock Yards Co	Office rent	50.
	W.S. Cass	Horse feed	10.
	L. Berger Bark River Cheese Co	Hauling Butter	2. 6.
	Foster's Creamery Co	Butterdo	5.
	D. Frank Parker	Typewriter paper, etc	49.
			9.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total
1900.			
ug. 21	Washington Gaslight Co Hiram W. Hawleydo. A. P. Little. Stock Yard Paint Co	Gas Use of horse and wagon Use of horse and buggy	\$26 37 23
	Hiram W. Hawley	Use of horse and wagon	37
	A D I i+tlo	Steneil paper etc	4
	Stock Vard Paint Co	Tacks rubber tubing etc	3
	Stock Yard Paint Co S. W. Burt United States Electric Lighting Codo Jno. A. Bell Chas. Cowie Jno. MeBirney G. W. Ward F. M. Perry F. L. Russell B. Howes C. L. Morin H. D. Mayne	Stencil paper, etc. Tacks, rubber tubing, etc. Use of saddle horse Electric current	19
	United States Electric Lighting Co	Electric current	1
	do	do	18
22	Jno. A. Bell	Traveling expenses	4.
	Ino McRippey	do	$7\frac{4}{4}$
	G. W. Ward	do	9
	F. M. Perry	do	27
	F. L. Russell	do	15 17 4
	B. Howes	do	17.
	H. D. Mayne	do	6
	W H Rose	Office expenses	22
	W. H. Rose A. G. G. Richardson	do	6
	Marion Dorset	do	33
23	O. E. Dyson	do	13
	Marion Dorset O. E. Dyson Hugo Elluring Chas. Keane	Traveling expenses	13
	Don C Aver	Use of horse and buggy	25 15
25	Don C. Ayer R. P. Clarke Co Richd, L. Lamb	Feather dusters	94
20	Richd, L. Lamb	Pads	24 6
	G. E. Dyson Goes Lithographing Co Dan. McCunningham Harry D. Paxson Rice P. Steddom W. P. Ellenberger F. W. Hopkins S. E. Bennett do Wm. C. Siegmund Jas. W. Davis Leo Baum Thos. Somerville & Sons Jno. C. Parker	Pads Use of horse Meat inspection stamps Traveling expenses	15
29	Goes Lithographing Co	Meat inspection stamps	801 63
	Dan. McCunningham	Traveling expenses	63
	Pice P Stoddon	do	57 99
	W P Ellenherger	do	96
	F. W. Hopkins	do	13
14	S. E. Bennett.	do	16
	do	Use of horse	23 32
	Wm. C. Siegmund	Traveling expenses	32
	Jas. W. Davis	Use of norse and buggy	18 1
	The Somerville & Sons	Drying bath etc	51
	Jno. C. Parker	Illustrated bulletin Drying bath, etc Letter books, etc Salaries Services	83
31	Louise Breedin et al Jno. S. Buckley H. A. Christmann	Salaries	3, 143 101
ot. 4	Jno. S. Buckley	Services	101
	H. A. Christmann	do	101
	H. A. Christmann Harry B. Adair R. A. Ramsay Fredk. T. Dolan Jno. H. McNeall Geo. S. Baker H. A. Hedrick et al W. H. Rose et al	Traveling expenses	117
	Fredk, T. Dolan	do	45 52 67
	Jno. H. McNeall	do	67
	Geo. S. Baker	do	6 478
5	H. A. Hedrick et al	Salaries	478
	7 11 77 7		1,000
	L. S. Depue	Oats	611
	J. T. Walker Sons	Lime	7
	The J. C. Ergood Co	Soap	10 436
	W. M. Galt & Co	Oats, corn, and wheat	436
e	Alfred H Hollidge	Services	13 21
6	Julius Huelsen et al. L. S. Depue J. T. Walker Sons The J. C. Ergood Co W. M. Galt & Co Wyckoff, Seamans & Benedict Alfred H. Hollidge Benj. Sharpless Eberhard Faber	Oats, corn, and wheat Adjusting typewriter Services Butter box	1
•	Eberhard Faber	Bands	64
	Bausch & Lomb Optical Co.	do	4
	Bausch & Lomb Optical Co	Supplies Bolts, staples, etc Ink for stamp pads Compressor glasses Services Use of horse and buggy Services	361
	A. H. Keld	Bolts, staples, etc	1
	E. I. Brooks & Co	Compressor glasses	74
	A. H. Reid Phillip Lindemyr E. J. Brooks & Co. F. M. Perry Carle E. Burgdorf Monroe B. Miller Geo. S. Hickox B. H. Treacy	Services	74 117 60
	Carle E. Burgdorf	Use of horse and buggy	60
	Monroe B. Miller	Services	101 84
	R H Troopy	do	101
	Arthur M. Rork	do	101 101
	Murray J. Myers	do	101.
	A. J. Pistor	do	101.
	Geo. S. Hickov R. H. Treacy Arthur M. Rork Murray J. Myers A. J. Pistor W. E. Hill Geo. C. Moser Willis B. Lincoln H. D. Myrao	do	101. 101.
	Geo. C. Moser	do	101.
	H I) Mayne	00	101.
	B. Howes	do	101. 101.
	Harry D. Paxson	do	101.
	Willis B. Infolii H. D. Mayne B. Howes Harry D. Paxson Walter E. Howe Thos. Castor R. J. Blanche Thos. J. Bray	do	101. 101.
	Thos. Castor	do	101.
			101. 117.

te.	Name.	Nature of payment.	· To
0.			
. 7	Leslie J. Allen	Services	8
• •	Leslie J. Allen Dan. McCunningham C. L. Morin	do	8
	C. L. Morin	do	
	C. L. Morin Chas. A. Brown Harry L. McDonald Wm. G. Shaw Levi P. Beachy Wm. D. Jorden Howard M. Burgess Wilber J. Murphy et al Ernest L. Volgenau et al W. H. Gibbs Edwin T. Davison et al Fredk. Braginton et al	do	
	Harry L. McDonald	do	
	Wm. G. Shaw	do	
	Levi P. Beachy	do	
	Wm. D. Jorden	do	
	Howard M. Burgess	do	
	Wilber J. Murphy et al	Salaries	
	Ernest L. Volgenau et al	do	
	W. H. Gibbs	Services	
	Edwin T. Davison et al	Salaries	
	Fredk. Braginton et al	do	
	F. H. Huntington et al.	do	
	O. B. Hess et al	do	
	Peter I. Kershner	Services	
	Hardee Wyatt	do	
	Chas. H. Stevens	do	
	Jos. W. Parker	do	
	Jas. Johnson et al	Salaries	1,
8	L. A. RODINSON et al	00	1,
8	L. R. Baker et al	00	
	Ernest L. Volgenau et al. W. H. Gibbs Edwin T. Davison et al. Fredk. Braginton et al. Fredk. Braginton et al. O. B. Hess et al. Peter I. Kershner Hardee Wyatt Chas. H. Stevens Jos. W. Parker Jas. Johnson et al. L. A. Robinson et al. L. R. Baker et al. A. J. Payne et al. Walter J. Stewart et al. A. G. G. Richardson et al. E. P. Schaffter et al. Thos. J. Turner et al. Albert Deam et al. T. A. Shipley et al. Jas. S. Kelly et al. Joshua Miller et al. Geo. C. Faville et al. Geo. C. Faville et al. E. P. Dowd et al. C. Sarth et al. W. S. Cass et al. A. E. Behnke et al. Wm. Thompson et al. R. W. Hickman et al. C. A. Schaufler et al. Jno. Forbes et al. Jno. Forbes et al. Frank D. Ketchum et al. Genevieve Petrie. Richd. W. Tuck et al. Ira K. Atherton et al. F. M. Perry Arthur B. Morse Orrin W. Snyder Morris Wooden et al. O. E. Dyson et al. United States Electric Lighting Co. Rudolph, West & Co. do. J. T. Thompson Edwd. S. Schmid.	00	
	Walter J. Stewart et al	do	
	E D Coheffton et al	do	
	Thes I Turner et al	do	
	Albert Deam et al	do	
	T A Shipley et al	do	
	Joe S Kolly of al	do	
	Joshua Miller et al	do	
	Geo C Faville et al	do	
	Louis K Green et al	do	
	Saml. E. Cosford et al	do	
	E. P. Dowd et al	do	
	L. Enos Day et al	do	
	W. C. Barth et al	do	
	W. S. Cass et al	do	
	A. E. Behnke et al	do	1.
	Wm. Thompson et al.	do	1, 1,
10	R. W. Hickman et al	do	2,
	C. H. Zink et al	do	
	C. A. Schaufler et al	do	
	Jno. For bes et al	do	2, 1,
	Jno. McBirney et al	do	1,
	Frank D. Ketchum et al	de	
	Genevieve Petrie	Services	
	Richd. W. Tuck et al	Salaries	
	H. N. Waller et al	do	
	Geo. Ditewig et al	do	
	E M Danner	Campia	
	Anthun P. Monoo	Dervices	
	Omin W Spredon	do	
12	Morris Wooden et al	Salarios	5,
14	O E Dyson et al	do	8,
	United States Flactric Lighting Co	Electric ourrent	8,
	Rudolph West & Co	Supplies	
	do	Rawhide etc	
	do	Rawhide, etc Cartridges Stamping letter heads	
	J. T. Thompson	Stamping letter heads	
	Edwd, S. Schmid	Guinea pigs	
13	Jas. Irwin et al	Salaries	
	W. C. Siegmund	Salaries	9
	J. J. Brougham et al.	Salaries	2.
	Don. C. Aver et al	do	4.
	Benj. S. Paddock et al	dodo	-,
	do do J. T. Thompson Edwd. S. Schmid Jas. Irwin et al W. C. Siegmund J. J. Brougham et al Don. C. Ayer et al Benj. S. Paddock et al Frank T. Shannon et al Walter E. Howe W. S. Devoe do Chas. Keane et al Geo. S. Baker et al E. N. Hutchinson et al A. R. Wake et al C. B. Jones	do Services do Salaries	2, 4,
	Walter E. Howe	Services	
	W.S. Devoe	do	
	do	do	
	Chas. Keane et al	Salaries	
	Geo. S. Baker et al.	do	
	E. N. Hutchinson et al	do	
	A. R. Wake et al	do	
	Chas. Keane et al Geo. S. Baker et al. E. N. Hutchinson et al A. R. Wake et al C. B. Jones S. E. Bennett et al N. C. Sorensen et al E. W. Barthold et al	Traveling expenses	_
14	S. E. Bennett et al	Salaries	5, 1, 1,
15			

ate.	Name.	Nature of payment.	Total
900.			
ot. 17	Wm. E. Pratt Goes Lithographing Co	Hog rings	\$180.
	Goes Lithographing Co	Meat inspection stamps	684. 32.
	E M Uniter	do Services	32. 84
	F. M. Hunter W. M. Foster do	Traveling expenses	84. 19.
	do	Services	60.
	W. P. Ellenberger	do	101
	F. P. Dolan	do	101. 117. 117.
	F. W. Hopkins	do	117
	R. P. Steddom	do	117
	do W. P. Ellenberger F. P. Dolan F. W. Hopkins R. P. Steddom Jos. M. Turner Henry P. Armsby et al J. F. Ryder do W. H. Wray do C. T. Kent	Salaries	9. 250
	J. F. Ryder	Services	168
	do	Services Traveling expenses	45
	W. H. Wray	Services Traveling expenses Office expenses	387 19 3
	do	Traveling expenses	19
	do	Office expenses	3
	C. T. Kent H. F. Miller & Son Geo. E. Howard & Co. American Ice Co	Calf Tin cans Envelopes	25 17 67
	Geo E Howard & Co	Envelones	67
	American Ice Co	Ice	25
	do	do	27
	American Ice Codo	Ice do Feed	203 21 33 33
	Washington Gas Light Co	Gas	21
	Chas. R. Edmonston	Pans, etc Belting, etc Office expenses	33
	Jas. B. Lambie	Belting, etc	33
	Marion Dorset	Office expenses	16 19
18	W. B. Niles	Traveling expenses	49
10	Levi P. Beechy	do	99
	Geo. S. Baker	Traveling expenses	5
	Geo. S. Baker J. Otis Jacobs do F. C. Eells C. H. Bugbee Wm. C. Honan Belle Ritter U. G. Houck Jno. McBirney J. H. McNeall do do Henry C. Baboock	do	43
	do	do	16
	C H Bughoo	do	23 16
	Wm C Honan	do	21
	Belle Ritter	Services	13
	U. G. Houck	Traveling expenses	26
	Jno. McBirney	do	85
	J. H. McNeall	Services	101 101
	00	do	101
	Henry C. Raheoek	do	57
	Henry C. Babcock Harry B. Adair D. Cumming	Services	117 105
	D. Cumming	do	105
	Robt. H. Treacy	Traveling expenses	89
	Chas. M. Day	do	70 68
	Abram M. Adams	do	68
	W.E. Hill	do	3
	Harry D Payson	do	11 18 13
	Chas, A. Brown	do	13
	George C. Moser	do	24
	Murray J. Myers	do	48 52
	Henry C. Babcock Harry B. Adair D. Cumming Robt. H. Treacy Chas. M. Day Abram M. Adams W. E. Hill M. B. Miller Harry D. Paxson Chas. A. Brown George C. Moser Murray J. Myers do Wm. G. Shaw Dan. McCunningham C. L. Morin H. D. Mayne F. L. Russell do Con W. W. Adair C. C. M. Con M. C. Con M. C.	do	52
	Dan McCunningham	do	46 61
	C. L. Morin	do	61
	H.D. Mayne	do	6 3
	F. L. Russell	do	36
	do Geo. W. Ward Jno. A. Bell H. T. Potter Chas. Cowie	Services Traveling expenses	80 13
	Geo. W. Ward	Traveling expenses	13
	Inc. A. Poll	Services	65
	H T Potter	dodo	8 3
	Chas. Cowie	do	65
	F. M. Perry	Traveling expenses	23
	A. F. Martins	do	23 17 35
19	F. M. Perry A. F. Martins David Pifferling Wyn Loghts	do Traveling expenses do Horse	35.
	W In. Locate	Shoeing horses	93
	Wm. Lochte E. B. Markham Edw. S. Schmid	Proposed food	93. 36.
	J. A. Cooper	Use horse and burgay	30. Q
	F. T. Dolan	Roose Shoeing horses Hogs Prepared feed Use horse and buggy Traveling expenses	8. 32.
	Rice P. Steddom	do	94.
	J. A. Cooper F. T. Dolan Rice P. Steddom Geo. S. Hickox	do	163.
			52.
	W. D. Jorden A. M. Rork L. J. Allen	do	77.
	I A M Kork	do	74.

Date.	Name.	Nature of payment.	Total.
1900.			
Sept. 19	Don. C. Ayer Jas. W. Davis J. P. Burrows I owa Telephone Co O. W. Snyder Saml. E. Bennett Chas. Keane S. W. Burt W. I. Harmon	Use horse	\$15.00
	Jas. W. Davis	Use horse and buggy	18.00
	J. P. Burrows	Use horse and buggy Hog-cholera mixture Rent telephone Use horse	45, 88
	lowa Telephone Co	Rent telephone	2.50 20.00
	Coml F Poppott	Use norse	20.00
	Chas Kaana	Use horse and burger	23.00 25.00 15.00
	S. W Burt	Use horse and buggydo	25.00 15.00
	W. L. Harmon Rand, McNally & Co H. W. Hawley do	Furnishing, etc., electric buzzer	3 00
	Rand, McNally & Co	Ink	8.00 23.00 40.50
	H. W. Hawley	Use horse and buggy Use horse and wagon	23, 00
	do	Use horse and wagon	40.50
		Ink, blotters, etc	2.40
	O. E. Dyson	Use saddle horse	15.00
.21	American Sneep Breeder	One electro	2.40
.21	Pacific Express Co	Express changes	8.00
	Sam E Cosford	Horse and brown	3.30 14.19
	A Bauman ir	do	20.00
	A. Bauman, jr Chicago Car Seal and Manufacturing Co	Tags etc	29.10
	St. Louis National Stock Yards	Office rent	50.00
	Page County Bank	do	8.33 15.35
	Gatchell & Manning	Plates, goats	15.35
	Chicago Car Seal and Manufacturing Co- St. Louis National Stock Yards. Page County Bank Gatchell & Manning A. E. Behnke A. G. Richardson H. F. Miller & Son Atlanta, Knoxville and Northern Rwy. Co E. C. Schroeder A. G. G. Richardson W. P. Ellenberg Julius Huelsen W. H. Rose	One electro Passenger transportation Express charges Horse and buggy do Tags, etc Office rent do Plates, goats Use horse and buggy	35.00
	A. G. G. Richardson	Tin can	38.00 11.50
.22	Atlanta Knovville and Northann Down Co.	Paggangan transparation	11.50
.22	F. C. Schrooder	Passenger transportation Office expenses	9.30
	A G G Richardson	do	7.40 6.28
	W. P. Ellenberg	Traveling expenses	89. 04
	Julius Huelsen	Office expenses	5.60
	W. H. Rose	Office expensesdo	24.70
	Geo. S. Baker	do	. 50 11. 21
	Chas. M. Day	do	11.21
	W.S. Cass	do	10.00
	A D W-lac	Labor	2.00
	Lowell Clarko	Traveling expenses	4. 92 98. 00
	E P Schaffter	do	96.00
	Julius Huelsen W. H. Rose Geo. S. Baker Chas. M. Day W. S. Cassdo A. R. Wake Lowell Clarke E. P. Schaffterdo D. E. Salmon	Traveling expensesdo	2.50 1.25 54.75
	D. E. Salmon	Traveling expenses	54.75
24	D. E. Salmon W. E. Siegmund	do	79.44
	Harry B. Adair	do	56.25 2.54
	Schwarzschild & Sulzberger Co	Freight expenses	2. 54
30	Harry B. Adair Schwarzschild & Sulzberger Co Bausch & Lomb Optical Co Louise Breeden et al	do Freight expenses Camel's-hair brushes Salaries	. 75
90	Louise Breeden et al	Salaries	2, 973.17
	Total first quarter		148, 706.17
Oct. 1	7 77 77 77 11		59.70
Oct. 1	Jno. H. McNeall	Services	58.70 31.50
	C. W. Stiles	do	125. 18
	Jno. H. McNeall do C. W. Stiles R. Carter Ballantyne Leo Baum M. V. Thompson C. T. Kent J. W. Nunamaker Hugh M. Rowe W. F. Howe	Tags, wax Photograph for bulletin Pigs, feed, etc	7.25 1.50
	Leo Baum	Photograph for bulletin	1.50
2	M. V. Thompson	Pigs, feed, etc	145.00
	C. T. Kent	Calves Clocks, rent of Traveling expenses	66, 00
	J. W. Nunamaker	Clocks, rent of	. 42 92. 35
	Hugh M. Rowe	Traveling expenses	92. 50
	R A Remeast	do	76.30 52.12
4	Chas A Brown	Services	73.40
-	H. L. McDonald	do	73. 40
	Dan, McCunningham	do	97.80
1	Wm. G. Shaw	do	97.80 97.80
1	Louis Metsker	do	97.80
	Thos. Castor	do	97.80
	A. M. Kork	do	97.80
	W.D. Jordon	do	97.80 97.80
	M R Miller	do	97.80
	R. J. Blanche	do	97.80
1	IT M D	do	97.80
	n. w. burgess	do	97.80
	M. J. Myer		
	M. J. Myer W. E. Hill	do	97.80
	M. J. Myer W. E. Hill L. J. Allen	do	97.80 114.20
	H. M. Burgess M. J. Myer W. E. Hill L. J. Allen Harry D. Paxson	do	97.80 114.20 106.52
	H. M. Burgess M. J. Myer W. E. Hill L. J. Allen Harry D. Paxson P. I. Kershner	do dodo	97.80 114.20 106.52 106.52
	J. W. Nunamaker Hugh M. Rowe W. E. Howe B. A. Ramsay Chas. A. Brown H. L. McDonald Dan. McCunningham Wm. G. Shaw Louis Metsker Thos. Castor A. M. Rork Raymond Johnson W. D. Jorden M. B. Miller R. J. Blanche H. M. Burgess M. J. Myer W. E. Hill L. J. Allen Harry D. Paxson P. I. Kershner H. D. Mayne Whitall Tatum & Co Levi P. Beechy	do	97.80 114.20 106.52 106.52 97.80 7.50

ite.	Name.	Nature of payment.	Tota
00.			
. 4	A. J. Pistor C. A. Schaufller et al	Services	\$97
	C. A. Schauffler et al	Salaries	841
	W. H. Poss et al	do	408
5	Julius Huelsen et al	do	468 966 618
	Geo. C. Faville et al	do	270
	Jas. S. Kelly et al	do	270
	C. A. Schaufiler et al H. A. Hedrick et al W. H. Rose et al Julius Huelsen et al Geo. C. Faville et al Jas. S. Kelly et al W. J. Murphy et al F. W. Huntington et al Edw. P. Dowd et al H. T. Potter F. M. Perry Chicago and North Western Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co.	do	178 147
	Edw P Dowd et al	do	178
	H. T. Potter	Services	33
	F. M. Perry	do	114 42
	Chicago and North Western Rwy. Co	Passenger transportation	42
	Co.	ao	30
	The Chesaneake and Ohio Rwy. Co	do	30
	The Great Northern Rwy. Co	do	18
	The Great Northern Rwy. Co Union Pacific R. R. Co The Chicago, Burlington and Quincy R.R.	do	88
	The Chicago, Burlington and Quincy R.R.	do	42
	Co. do. Southern Rwy. Co Chicago, St. Paul, Minneapolisand Omaha	do	8
	Southern Rwy. Co	dodododo	
	Chicago, St. Paul, Minneapolis and Omaha	do	ā
	IW V. CO.		
	Santa Fe Pacific R. R. Co	do	9
	The Coloredo Southern Rwy Co	do	29
6	E. L. Volgenau et al	Salaries	178
	do. do. The Colorado Southern Rwy.Co. E. L. Volgenau et al. A. G. G. Richardson et al. R. W. Hickman et al. W. B. Lincoln et al.	do	2, 46
	R. W. Hickman et al	do	2,462
	W. B. Lincoln et al	Services	101
	A R Morse	do	97 101 114
	Fredk. Braginton et al	Salaries	177
	Ira K. Atherton et al	do	184 187 246
	W. C. Barth et al	do	183
	Goo Ditowing et al	do	240
	Thos. J. Turner et al	do	445
	A. J. Payne et al.	do	261 442 781
	L. R. Baker et al	do	838
	W. S. Cass et al	do	1,043
8	Jac Johnston et al	do	1,111 1,408
	L. A. Robinson et al	do	1.164
	Chas. H. Zink et al	do	768
	J. J. Brougham et al.	do	2,046
	E P Schaffter et al	do	818 538
	Albert Dean et al	do	513
	A. R. Wake et al	do	465
	Harry W. Waller et al	do	423
9	Sami, E. Cosiora et al	do	178
0	S Stewart et al	do	5,430 537
	L. Enos Day et al	do	172
	R. W. Hickman et al W. B. Lincoln et al J. Otis Jacobs. A. B. Morse Fredk. Braginton et al Ira K. Atherton et al W. C. Barth et al Joshua Miller et al Joshua Miller et al Geo. Ditewig et al Thos. J. Turner et al A. J. Payne et al L. R. Baker et al W. S. Cass et al A. E. Behnke et al Jas. Johnston et al L. A. Robinson et al Chas. H. Zink et al J. J. Brougham et al E. P. Schaffter et al A. R. Wake et al Harry W. Waller et al Saml. E. Cosford et al S. E. Bennett et al S. E. Bennett et al S. E. Bennett et al S. E. Bonnett et al S. E. P. Davison et al Richd. W. Tuck et al W. H. Gibbs D. Cumming Chas. H. Stevens	do	178 686 97
	Richd. W. Tuck et al.	do	686
	D Cumming	Services	9 8
	Chas. H. Stevens	do	114
	Orrin W. Snyder	do	114 114
10	Geo. S. Hickox	do	81
10	I A Cooper	Traveling expenses	40 27
	T. A. Shipley et al	Salaries	319
- 1	E. N. Hutchinson et al	do	294
- 19	Jas. Irwin	Services	81 161
	W. H. Gibbs D. Cumming Chas. H. Stevens Orrin W. Snyder Geo. S. Hickox Thos. A. Scott J. A. Cooper T. A. Shipley et al E. N. Hutchinson et al Jas. Irwin Louis K. Green et al F. W. Hopkins	Salaries	161
	F. W. HOPKINS	Services	114
	F. W. Hopkins Hugh M. Rowe Walter E. Howe	do	198
	Thos. A. Bray	do	101 114 198 97 114 20 1,742
	Thos. A. Bray. Ada K. Gannon. Niels C. Sorensen et aldo	do	20
	Niels C. Sorensen et al	Salaries Expenses	1,742
			2 450
	Jno. Forbes et al	do	
	W.J. Stewart et al Wm. Thompson et al Don. C. Ayer et al	do	1,133 1,138
	Don C Assessed at	do	4, 471

Date.	Name.	Nature of payment.	Total.
1900.			
Oct. 11	O. E. Dyson O. E. Dyson et al E. W. Barthold et al Herman Busman et al Jno. McBirney et al. Benj. S. Paddock et al Morris Wooden et al W. F. Crewe Chas. O. McDonald Warren J. Fretz	Expenses	\$25.40 7,487.33 1,887.06
	O. E. Dyson et al	Salaries	7,487.33
	E. W. Barthold et al	do	1,887.06
	Herman Busman et al	do	1,887.06 825.80 1,608.72 304.60
	Jno. McBirney et al	do	1,608.72
	Benj. S. Paddock et al	do	304.60
10	Morris Wooden et al	do	5,897.51 19.57 27.39 97.80
12	W.F.Crewe	Servicesdo	19.57
	Chas. O. McDonald	do	27.39
	Warren J. Fretz. O. G. Atherton O. B. Hess et al Geo. S. Baker et al Frank T. Shannon et al	do	97.80
	O. G. Atherton	do	114.20 173.00 409.40
	C. B. Hess et al	Salariesdo	173.00
	Emply T. Channen et al	00	409.40
	Chan Voore et al	do	187.00
	Chas. Keane et al E. B. Jones	Thoraling armonage	70.00
	Z D Gilman	do Traveling expenses Filtering tubes, etc. Carbolic acid, etc.	187. 60 378. 60 72. 30 37. 60
	Magkall Ruce	Carbolia acid ata	10 50
	P Mann & Co	Sood wro	18.52
	Rudolph West & Co	Seed rye Rubber hose	3.00 3.05
	do	Hammer eta	13.47
	do	Chamois ekine	12.00
15	E. B. Jones Z. D. Gilman Mackall Bros P. Mann & Co. Rudolph, West & Co. do. do H. P. Armsby et al B. Howes C. L. Movin	Hammer, etc Chamois skins Salaries Services	12.00 244.40 97.80
1.0	B. Howes	Services	97.80
	C. L. Morin	do	40.00
	Chas. Cowie	do	50.00
	C. L. Morin Chas. Cowie R. P. Steddom	do	50.00 114.20
	Fredk. T. Dolan W. P. Ellenberg Jos. M. Turner W. M. Foster	do	97 80
	W. P. Ellenberg	do	97.80 56.25 58.80
	Jos. M. Turner	do	56.25
	W. M. Foster	- do do - do	58.80
	Bausch & Lomb Optical Co	Fittinglens	1.00
1	The Spectator Co	Tate arithmometer	400,00
	Dennison Manufacturing Co	Tags, etc	35, 25
	E. J. Brooks & Co	Lead seals	35. 25 357. 75
	D. M. Nesbit	Services	65.00
16	J. Otis Jacobs	do	97.89
	H. B. Adair	do	65.00 97.89 114.20
	W. P. Ellenberg Jos. M. Turner W. M. Foster Bausch & Lomb Optical Co The Spectator Co Dennison Manufacturing Co E. J. Brooks & Co D. M. Nesbit J. Otis Jacobs H. B. Adair W. C. Siegmund R. H. Treacy United States Electric Lighting Co do A. Wilson & Bro American Ice Co M. Du Perow Washington Gaslight Co R. A. Pearson M. S. Lantz E. A. de Schweinitz Abram M. Adams Chas E. Steel	do	97.80 97.80 97.80 20.73 9.20
15	R. H. Treacy	do	97.80
	United States Electric Lighting Co	Electric current Conduit and cable	20.73
	A Wilcon & Duo	Conduit and cable	1 004 04
	A moving n Ico Co	Hay and straw Ice Blade fans	1,904.04 22.20 25.80
	M Du Popour	Plade form	25.80
	Washington (Faslight Co	Gae	22.00
	R A Pearson	Gas Traveling expenses Services Meat, sawdust, etc	22.00 48.00
18	M.S. Lantz	Services	97.80
	E. A. de Schweinitz	Meat sawdust etc	26.02
19	Abram M. Adams	Traveling expenses	69.05
	Chas. E. Steel	do	5. 20 18. 90
	Thos. A. Bray	do	18.90
	Dan McCunningham	do	28.97
	Louis Metsker	do	48.45
	Geo. C. Moser	do	44.05
	Peter I. Kershner	do	15.05
	Wm. G. Shaw	do	- 16.95
	Harvey D. Paxson	do	1.20 5.13
	Richd. J. Blanche	do	5. 13
	Murray J. Myers	do	10.20
	M. B. Miller	do	11.50 1.75 97.80
	W.E. HIII		1.70
	Trank C. Lens	Services	91.00
	w.s.Devoe	Traveling expenses	01.00
	E M Hutabingan	do	9 50
	Coo S Rokon	do	81.50 56.25 2.50 5.00
	Ino McPimor	do	74.01
	M. S. Lantz E. A. de Schweinitz Abram M. Adams Chas. E. Steel Thos. A. Bray Dan McCunningham Louis Metsker Geo. C. Moser Peter I. Kershner Wm. G. Shaw Harvey D. Paxson Richd. J. Blanche Murray J. Myers M. B. Miller W. E. Hill Frank C. Eells W. S. Devoe do E. N. Hutchinson Geo. S. Baker Jno. McBirney W. B. Miles W. C. Honan Jos. M. Turner Jos. W. Park	do	60.55
	W C Honon	do	19.05
	Ios M Turnar	do	12.75
	Jos. W. Turner Jos. W. Park Danl. S. Hays Jno. C. Milnes W. J. Fractic	do	12.75 5.20 9.70 1.75
	Danl S Have	do	9.70
	Jno C. Milnes	do	1.75
	W. J. Fretz	,do	18.00
	The Office Toilet Supply Co	Towel service	140.87
	Chicago Telephone Co	Towel service	43, 75
	Jno. C. Mines. W. J. Fretz The Office Toilet Supply Co. Chicago Telephone Co. A. P. Little. S. W. Burt O. E. Dyson	Paper	5, 00
	S. W. Burt	Horse service	15.00 15.00

ate.	Name.	Nature of payment.	Total
900.			
t. 19	Rand, McNally & Co	Ink.	\$5 225 37
	Union Stook Vards and Transit Co	Office rent Use horse and wagon Use horse and buggy Office rent Repairing lock boxes do	225
	Hiram W. Hawley	Use horse and wagon	37
	do	Use horse and buggy	23
	Hiram W. Hawley do Gahn & Byrne J. Haberle	Office rent	675
	J. Haberle do Jno. Forbes Jas. W. Davis Nebraska Telephone Co Central Union Telephone Co Armstrong Laundry Armour Packing Co Cutler & Neilson Paint and Color Co F. P. Burnap Stationery and Printing Co. Saml. E. Cosford A. Bauman, jr R. C. Kent Lowa Telephone Co Chas. Keane Geo. L. McKay	Repairing lock boxes	5 2 45
	do	do	.2
	Jno. Forbes	Maintenance of horse and buggy Use of horse and buggy	45
	Jas. W. Davis	Use of norse and buggy	18
	Nebraska Telephone Co	Telephone service	13
	Central Union Telephone Co	do	18
	Armstrong Laundry	Telephone service	4
	Cutlen & Mailean Daint and Colon Co	Thinner.	12
	E D Purvan Stationary and Printing Co	Inb	5 20
	Som! F Conford	Ink Use of horse and buggy	20
	A Banman in	do	90
-	R C Kont	Calf Telephone service Use of horse and buggy Butter	20 22
	Iowa Telephone Co	Telephone service	10
	Chas Keane	Use of horse and buggy	95
	Geo L. McKay	Butter	20
	H. J. Evans	do	29 11 4
	W. A. Carpenter	do	1
	Chas. Keane Geo. L. McKay H. J. Evans W. A. Carpenter J. K. Bennett Lewis Ladrach Mowbray & Robbins H. A. Shellenberger Goes Lithographing Co Jay E. Williams Chicago Car Seal and Manufacturing Co do	do	5
	Lewis Ladrach	Cheese Butter	1:
	Mowbray & Robbins	Butter	- 2
	H. A. Shellenberger	Meat stamps Traveling expenses Tags	-
	Goes Lithographing Co	Meat stamps	924
	Jay E. Williams	Traveling expenses	5
	Chicago Car Seal and Manufacturing Co	Tags	40
	do	do	19
	J. S. Buckley	Services. Basin Envelopes, etc. Telephone services. Rent of office	97
20	Thos. Somerville & Sons	Basin	_1
	R. Carter Ballantyne	Envelopes, etc.	56
	The Chesapeake and Potomac Telephone Co	Telephone services	129
	The Chesapeake and Potomac Telephone Co Bourbon Stock Yards Co St. Louis National Stock Yards Missouri and Kansas Telephone Co	Rent of omce	30
	St. Louis National Stock Yards		50
	Missouri and Kansas Telephone Co	Telephone service	13
	W. S. Cass	Horse feed. Rent of office	10
	Joseph Stock Tards Co	Telephone service	90
	Page County Pank	Rent of office	6
	T D Proposed	Cholono mirturo	57
	Missouri and Kansas Telephone Co W. S. Cass St. Joseph Stock Yards Co. Iowa Telephone Co. Page County Bank J. P. Burrows S. E. Bennett Orrin W. Snyder E. J. Newmeyer C. H. Zink	Cholera mixture Use of saddle horse	57 25
	Orrin W Snyder	Maintenance of horse	9(
	E. I. Nawmayar	Traveling expenses	20 37
23	C H Zink	Traveling expenses Express charges	91
	do	Traveling expenses	***
	do B. H. Adams et al R. W. Hickman	Traveling expenses	120
	B. H. Adams et al	Office rent	120
	R. W. Hickman	Office rent Street-car fares	10
	Jas. M. Cadman	Office rent	90
	Jas. M. Cadman Gerald E. Street	Office rent Janitor service	2-36
	J. A. Turner Co	()ffice pent	36
	The Schwarzchild & Sulzberger Co	Freight on butter	4
	do	Freight on butter Freight on poultry, etc. Towel service Office rent	69
	International Office Toilet Supply Co. East Buffalo Live-Stock Exchange Co. Merchants' Union Ice Co. New England Telephone and Telegraph Co	Towel service	
	East Buffalo Live-Stock Exchange Co	Office rent	90
	Merchants' Union Ice Co	ice	12
	New England Telephone and Telegraph Co	Telephone servicedo	12
		do	40
	Bay State Clean Towel Co	Towelservice	
	Chesapeake Potomac Telephone Co	Telephone service	19
	The Bell Telephone Co., of Philadelphia		40
	A. C. C. Dishardson	Use of norse and buggy	38
	A. G. G. Michardson	Transfer and brown	1
	N Rufue Gill	do Towel service Telephone service do Use of horse and buggy lee, etc Use of horse and buggy Use of horse	3:
	C A Schauffer	Use of horse	60
	Jas Stikeman	Office rent	19:
	Roethlesherger & Gerber	Office rent	123
	The Bell Telephone Co., of Philadelphia. A. E. Behnke A. G. G. Richardsondo N. Rufus Gill C. A. Schaufler Jas. Stikeman Roethlesberger & Gerber Armour & Co. Carrie J. Wilson Chas. P. Mecabe & Son Alvah S. Reynolds F. W. Culbertson	Butter	30
	Carrie J. Wilson	do	90
	Chas. P. Mecabe & Son	do	1
	Alvah S. Reynolds	do	1
	F. W. Culbertson	Butter	1
	Hunter, Walton & Co	do	1
	F. W. Culbertson Hunter, Walton & Co. R. P. Steddam Cornish, Curtis & Greene Mfg. Co.	Butterdo Traveling expenses Butter Office rent	68

Date.	Name.	Nature of payment.	Total.
1900.			
et. 23	Chas. M. Day	Traveling expenses	\$68.2
	W. H. Wray	Services	\$68.2 375.0
	W. H. Wray J. F. Ryder E. J. Brooks & Co F. M. Perry	do	163. (437. 2 39. 7
	E. J. Brooks & Co	Meat tags	437.2
25	P. D. Wondo	Travaling expenses	59.7
40	L. A Robinson	do	4. 8 37. 8 14. 8
	C.O.Durfer	do	14.
	W. N. D. Bird	do	10.0
	A. F. Martins	do	10.0
	Jno. P. O'Leary	do	1.9
	Herman R. Ryder	do	4.8
	Harry M. Ball	do	14.8
	r. L. Russell	Convious	27. 1 64. 0
	Ino A Rell	do	8. (
	Geo. W. Ward	do	70.0
	Chas. Cowie	Traveling expenses	4.7
	Hervey T. Potter	do	10.2
	B. Howes	do	14.9
	H. D. Mayne	do	6.8
0.1	C. L. Morin	do	4.
24	Chas M. Day W. H. Wray J. F. Ryder E. J. Brooks & Co F. M. Perry B. P. Wende L. A. Robinson C. O. Durfer W. N. D. Bird A. F. Martins Jno. P. O'Leary Herman R. Ryder Harry M. Ball F. L. Russell do Jno. A. Bell Geo. W. Ward Chas. Cowie Hervey T. Potter B. Howes H. D. Mayne C. L. Morin Gatchel & Manning do Raymond Johnson W. C. Barth Albert E. Behnke	do.	25.
	Raymond Johnson	Traveling evnences	17
	Raymond Jonison W.C. Barth Albert E. Belinke Wm. Thompson B. L. Stine F. W. Ainsworth Don W. Patton A. R. Wake	Traveling expenses Ink, etc Towel service, etc	25.17.12.12.12.12.12.12.12.12.12.12.12.12.12.
	Albert E. Behnke	Towel service, etc	26.
	Wm. Thompson	Ink, etc Street-car fares	8.
	B.L. Stine	Street-car fares	8. 10.
	F. W. Ainsworth	Cleaning office, etc	3. 2.
	Don W. Patton	Ink, etc	2.
	A. R. Wake	Express charges	1.0
	do T. A. Shipley Jno. Forbes Joshua Miller	E	4.
	Ino Forbos	Ink oto	10.3
	Joshua Miller	Coal etc	2. 4 4. 3
	Chas. Keane	Towel service	4.8
	Chas Keane Chas M. Day Jas. B. Clancy Chas H. Stevens. E. N. Hutchinson	Ink, etc Coal, etc Towel service Hay, etc Traveling expenses	16.0
	Chas. M. Day Jas. B. Clancy Chas. H. Stevens. E. N. Hutchinson Southern Ry. Co Louisville and Nashville R. R. Co Northern Pacific Ry. Co Pennsylvania Co Oregon Short Line R. R. Co The Missouri Pacific Ry. Co Nashville, Chattanooga and St. Louis Ry. Co. E. C. Schroeder L. S. Denne	Traveling expenses	28.3 39.3
	Chas. H. Stevens	do	39.
	E. N. Hutchinson	Street-car tickets	25.
	Southern Ry. Co	Passenger transportation	24.
	Northern Pacific Ry Co	00	29.
	Pennsylvania Co	do	17
	Oregon Short Line R. R. Co	do	17. 34.
	The Missouri Pacific Rv. Co	do	40.
23	Nashville, Chattanooga and St. Louis	do	40.
	Ry. Co.		
24 25	Ry. Co. E. C. Schroeder	Towel service	5.
25	L. S. Depue J. T. Thompson A. Wilson & Bro	Uats	33.0 14.1 10.0
	A Wilcon & Bro	Salt and cabbage	14.
	Wm Lochte	Services	9.
	Wm. Lochte J. A. Cooper H. N. Slater Wyandotte Gas Co	Oats Envelopes Salt and cabbage Services Use horse and buggy Butter Gas	48.
26	H. N. Slater	Butter	4.
	Wyandotte Gas Co	Gas	
	Louis K. Green Elwin T. Davison W. S. Cass	Traveling expenses Office expenses	8.
	Elwin T. Davison	Office expenses	1.:
	W. S. Cass	do	2.
	W S DATOR	Services	203.
	Thos I Turner	Office expenses	52. 25. 67.
	do	Services Traveling expenses Office expenses Traveling expenses	67
	wm E. Pratt	Hog rings	19
	Chicago Car Seal and Manufacturing Co	Hog rings Tags	19. 32.
	Chicago Car Seal and Manufacturing Co J. Wm. Fink	Traveling expenses	10.
29 30	J. Wm. Fink Jno. C. Parker Edwd. S. Schmidt W. M. Galt & Co M. G. Copeland & Co Geo. F. Muth & Co Jo Postal Telegraph Cable Co Louise Breeden et al Jas. B. Archer Don C. Ayer Jas. J. Brangham Frank C. Eells M. S. Lantz	Stationery Prepared feed Feed for animals	129.
30	Edwd. S. Schmidt	Prepared feed	6. 658.
	W. M. Galt & Co	Feed for animals	658.
	M. G. Copeland & Co	Flag	3. 8.
	Geo. F. Muth & Co.	Lamps, lanterns, etc Gasoline Telegraph service	8.2
	D-4-1 M-1	Gasoline	
01	Postai Telegraph Cable Co	Telegraph service	3, 027. 100.
31	Louise Breeden et al	Salaries Calves Use of horse	100
ov. 1	Don C Aver	Use of horse	15.
	Jac J Brangham	Office expenses	21.
	Frank C Eells	Office expenses Traveling expenses do	48.
			12.

ate.	Name.	Nature of payment.	Total
900.			
v. 1	M. S. Lantz W. A. Willard W. H. Rose Hiram Jerome Eph. Dietrich E. J. Brooks & Co The Kansas City Stock Yards Co Thos. A. Bray B. R. Rogers E. A. de Schweinitz R. A. Pearson United States Envelope Co Eimer & Amend	Traveling expenses	\$55
	W. A. Willard	do Office expenses do do Companya con placeos	\$55 57
	W. H. Rose	Office expenses	25
	Hiram Jerome	do	25 4
	Eph. Dietrich	do	10
	E.J. Brooks & Co	Compresser glasses Office rent	7.1
	The Kansas City Stock Yards Co	Office rent	49 72 36
	Thos. A. Bray	Saddle horse, etc	72
	B. R. Rogers	Traveling expenses	36
	E. A. de Schweinitz	do	43 93 30
	R. A. Pearson	do d	93
2	United States Envelope Co	Envelopes	30
	Eimer & Amend United States Envelope Co	Papayotin	
	United States Envelope Co	Envelopes	56
	Yawman and Erbe Manufacturing Co	Indexes	3
	J. P. Nawrath	Sponge	1
	Phil. Lindemeyr	Ink	(J
	do	do	2
	Western Union Telegraph Co	Telegraph service	5
	Houghton & Delano	Seed plates	5
	J. P. Nawrath Phil. Lindemeyrdo Western Union Telegraph Co Honghton & Delano E. H. Catlin & Co Jno. S. Buckley J. W. Fink United States Envelope Co Chicago Car Seal and Manufacturing Co Eastern Shore of Virginia Produce Exchange	Sponge. Inkdo Telegraph service. Seed plutes. Supplies. Servicesdo do Envelopes	3
3	Jno. S. Buckley	Services	101 101
	J. W. Fink	do	101
5	United States Envelope Co	Envelopes	66
	Chicago Car Seal and Manufacturing Co	Tags Sweet potatoes	50 20
	Eastern Shore of Virginia Produce Ex-	Sweet potatoes	20
	change.		
	B. R. Rogers	Services	101 35
6	Sante Fe Pacific R. R. Co	Passenger transportation	
	The Texas and Pacific Rwy. Co	do	6
	Oregon Short Line R. R. Co	do	28
	Northern Pacific Rwy. Co	do	4
	B. R. Rogers Sante Fe Pacific R. R. Co The Texas and Pacific Rwy. Co Oregon Short Line R. R. Co Northern Pacific Rwy. Co Nashville, Chattanooga and St. Louis Rwy. Co.	do	5
	Vandalia Line Star Union Line Geo. Ditewig et al. Harry N. Waller et al. Chas. H. Stevens.	do	1
	Vandalla Line		
	Star Union Line	ao	1
	Geo. Ditewig et al.	Salaries	269
	Harry N. Waller et al	do	425 117
	Chas. H. Stevens	Services	117
	F. W. Huntington et al	Salaries	155
	E. L. Volgenau et al	do	178
	H. A. Hedrick et al.	do	178 478 671
	Julius Huelsen et al		0/1
	Ewd. P. Dowd et al.	00	178
7	T.W. Dobouto	Diego	101 55
	J. W. ROberts	Francisco	99
	The Congression Co	Engraving	50
	The Consumers Co	Convices	117
	Detay I Karahnan	services	117
	Hanny D. Payon	do	28 117 117
	Thos A Prov	do	117
	W C Show	do	117 117 101
6	Munney I Myone	do	101
0	W F Hill	do	101
	Harry N. Waller et al. Chas. H. Stevens. F. W. Huntington et al. E. L. Volgenau et al. H. A. Hedrick et al. Julius Huelsen et al. Ewd. P. Dowd et al. H. D. Mayne J. W. Roberts. J. Mantz Engraving Co. The Consumers Co. Leslie J. Allen Peter I. Kershner Harry D. Paxon Thos. A. Bray. W. G. Shaw Murray J. Myers W. E. Hill Dan McCunningham Louis Metsker Wm. D. Jorden Raymond Johnson H. M. Burgess. R. J. Blanche	do	101 101
	Louis Matskar	do	101
	Wm D Jorden	do	101
	Raymond Johnson	do	101 101
	Н М Вигиссе	do	101
	R I Blanche	do	
	Thos Castor	do	101
	Mongoe R Miller	do	101 101
	Chac E Stool	do	101
	Chae A Brown	do	75
	do	Traveling expenses	5
	H. M. Burgess R. J. Blanche Thos. Castor Monroe B. Miller Chas. E. Steel Chas. A. Brown do Jay E. Williams Levi P. Beechy Hugh M. Rowe L. Enos Day et al F. M. Perry	Sarvices	70
	Lovi P Roochy	do.	101
	Huwh M Rowe	do	101 101 178
	I. Froe Dovet al	Solovica	170
	L. Enos Day et al F. M. Perry Rice P. Steddum Fredk. T. Dolan W. P. Ellenberger J. M. Turner W. M. Foster Fredk. W. Hopkins Harry P. Armsby et al Albert E. Behnke et al	Sataries	118
	Pice D Steddym	Services	117
	Fredly III Dolon		117
-	Freuk, T. Dolan		117 117 117 44 101
	W.P. Ellenberger	do	101
	J. M. Turner	do	40
	W.M. Foster	do	60 117
	Fredk. W. Hopkins	do	117
		Valenies	250

ate.	Name.	Nature of payment.	Total
900.			
v. 8	Albert J. Payne et al	Salaries	\$800
	Victor A. Norgaard	Traveling expenses Use horse and buggy	47 25
9	Jas J. Brougham et al. W. S. Cass et al. Albert Dean et al.	Salariae	9 140
· ·	W S Cass et al	do	2, 149 1, 172 572 456
	Albert Dean et al	do	572
	Thos J. Turner et al Trojan A. Shipley et al Joshua Miller et al Ira K. Atherton et al Sant E. Conford et al	do	456
	Trojan A. Shipley et al	do	319
	Joshua Miller et al	do	254
	Ira K. Atherton et al	do	185
	Saml. E. Cosford et al.	do	178
	Louis K. Green et al.	do	178 853 117
	Louis K. Green et al. Frank D. Ketchum et al. Arthur B. Morse	Sommings	898
	Arthur M. Rork	do	101
	W. B. Lincoln R. H. Treacy	do	101
	R. H. Treacy	dodo	101
			84
	Laomer West	do	75
	H. L. McDonald	do	75 75 40
	W. G. Shaw	dodo	40
10	Geo. S. Hickox Laomer West. H. L. McDonald W. G. Shaw D. E. Salmon D. M. Nesbit	dodo	78
10			130 85
	R. W. Hickman	Services Office expenses	
	R. W. Hickman R. W. Hickman et al Louis A. Robinson et al Chas. H. Zink et al	Salaries	2,688 1,340 811
	Louis A. Robinson et al	do	1,340
	Chas. H. Zink et al	do	811
	Geo. C. Faville et al. Geo. C. Faville et al. U. J. Murphy et al. Lewis R. Baker et al.	Office expenses	7
	Geo. C. Faville et al	Salariesdo	279
	W. J. Murphy et al.	do	178
	Lewis K. Baker et al	do	879
	W. C. Barin et al	do	193
	W. C. Barth et al Jas. S. Kelly Thos. Clarke	Services	178 100
			5
12	O. E. Dyson et al R. A. Ramsay Don C. Ayer et al Wm. C. Seigmund Hugh M. Rowe	do	8
2.10	O. E. Dyson et al	Salaries	10,941
	R. A. Ramsay	Salaries Traveling expenses	10,941 6
	Don C. Ayer et al	Salaries	4,356 117 103 13
	Wm. C. Seigmund	Traveling expenses	117
	Hugh M. Rowe H. A. Hedrick	Office ormanes	105
	Wm D Jorden	Traveling expenses	19
	Thos Castor	do	98 103
	Thos. Castor. Geo. S. Hickox	do	146
	Geo. Carter	do	56
	Harry D. Adair	do	55 79 38
	W. P. Ellenberger	do	79
	F. T. Dolan	do	38
	I Otia Jacobs	do	91 56
	J. B. Clanev	do	8
	Geo. Carter Harry D. Adair W. P. Ellenberger F. T. Dolan Levi P. Beechy J. Otis Jacobs J. B. Clancy G. W. Ward O. G. Atherton A. R. Wake Walter E. Howe Lowell Clarke	do	15
	O. G. Atherton	do	82
	A. R. Wake	do	82 19 91
	Walter E. Howe	do	91
	Lowell Clarke	do	99
	Robt. H. Treacy Jno. F. Nelson O. B. Hess	do	88
	Jno. F. Nelson	do	1
	I. J. Allen	do	60
	T. L. Armstrong	Office expenses	9
	A. G. G. Richardson	do	6
	Jas. M. Turner	do	4
	O. B. Hess L. J. Allen T. L. Armstrong A. G. G. Richardson Jas. M. Turner Lewis R. Baker Fredk, Braginton B. W. Hiddman	do do	1
	Fredk. Braginton	do	
10		do	5 700
13	Samuel E. Bennett et al	Salaries do do Office rent Cheese and butter Office expenses	5,706 1,000 2,459
	W. H. Rose et al Jno. Forbes et al	do	2,450
14	Belt R. R. and Stock Vards Co	Office rent	30
IT	Dairymen's Union of California	Cheese and butter	30. 42. 6.
	Harry N. Waller	Office expenses	6.
	Frank C. Eells	, Services	101.
	Jno. Forbes et al Belt R. R. and Stock Yards Co Dairymen's Union of California Harry N. Waller Frank C. Eells Allen A. Holcombe	do .	101. 101. 100.
	D. Cumming Bausch & Lomb Optical Co. Morris Wooden et al. New York Telephone Co.	Fermentation tubes	100.
	Bausch & Lomb Optical Co	Fermentation tubes	5,942
	WOUTE WOODEN OF 91	Salaries	0. 94%

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd.

Date.	Name.	Nature of payment.	Total.
.900.			
ov. 14	New York Telephone Co W.H. Wraydo	Services and rent	\$19. 387. 16.
15	W.H. Wray	Services	387.
	do	Office expenses	16.
	do	Services	16. 168. 45.
	do	Services Traveling expenses	45.
	Jno. F. Deadman	Services Salaries Office expenses	10
	A. G. G. Richardson et al	Salaries	805.
	C. A. Schauffer	Salaries	805. 36. 903. 1,451.
	C. A. Schaufier et al Jas. Johnson et al Geo. S. Baker Geo. S. Baker Geo. S. Baker Fed. Braginton et al A. J. Pistor Fredk. Braginton et al Frank T. Shannon et al R. W. Tuck et al Chas. Keane et al Ed. P. Schaffter et al Arthur R. Wake et al William Thompson et al Walter E. Stewart et al Jao. McBirney et al Geo. S. Jones Maggie Murphy W. E. Howe Orrin W. Snyder O. G. Atherton B. Howes C. L. Morin G. W. Ward F. L. Russell W. T. Crewe W. S. Devoe Lowell Clarke Jas Irwin	do	1 451
	Geo. S. Baker	Office expenses	1, 101.
	Geo. S. Baker et al	Salaries	422. 101.
	A.J. Pistor	Services	101.
	Fredk. Braginton et al	Salaries	178. 193. 492. 390.
	R W Tuck et al	do	195.
	Chas. Keape et al	do	390
	Ed. P. Schaffter et al	do	
	Arthur R. Wake et al	do	634.
	William Thompson et al	do	1,336.
	Walter E. Stewart et al.	OD	1,268.
	Goo S Jones	Sarvicas	1,047.
16	Maggie Murnhy	oct vices	305. 634. 1,336. 1,268. 1,647. 2. 12. 101.
20	W. E. Howe	do	101.
	Orrin W. Snyder	do	117. 117. 101. 36.
	O. G. Atherton	do	117.
	B. Howes	do	101.
	C. L. MOPIN	do	36.
	F L Russell	do	75. 96.
	W. T. Crewe	do	90. 101. 210. 117. 84. 295. 178.
	W. S. Devoe	do	210.
	Lowell Clarke	do	117.
	Jas. 1rwin	Colonica	84.
	() P Hass at al	do	295.
	Thos. L. Armstrong et al.	do	1,650.
	Elwin T. Davison et al	do	178.
18	Lowell Clarke Jas. Irwin Ernst N. Hutchinson et al O. B. Hess et al Thos. I. Armstrong et al Elwin T. Davison et al Tait Butler et al Church & Stephenson do Jas. S. Topham Mackall Bros R. G. Merrill	do	505. 75.
17	Church & Stephenson	Lumber	75.
	Jee S Tonham	Instrument case	19.
	Mackall Bros	Chemicals	35
	R. G. Merrill	Traveling expenses	14. 35. 3.
	R. A. Ramsay	do	4. 5. 2. 30.
	Geo. S. Baker	do	5.
	Coo W Putlon	do	2.
	Murray J Myers	do	91
	C. L. Morin	do	5.
	Raymond Johnson	do	21. 5. 19.
	Dan McCunningham	do	16. 20.
	W.C. Honan	do	20.
	Coo W Word	do	30.
	M B Miller	do	30. 16. 11.
	Chas. Cowie	Services	70.
1	Louis Metsker	Traveling expenses	48. 9.
	Laomer West	do	9.
1	B. Howes	do	8.
	Ches E Steel	do	33.
	W G Shaw	do	49. 42.
	H. D. Mayne	do	10
20	F. M. Perry	do	30.
	Thos. Castor	do	30. 56. 54.
	Goo C Mosey	do	54.
	Lowell Clarke	do	58. 99.
	Rice P. Steddom	do	77
	W. P. Ellenberger	do	77. 112.
	Abram M. Adams	do	63.
	O. G. Atherton	do	63. 106. 82.
	Church & Stephenson do Jas. S. Topham Mackall Bros B. G. Merrill R. A. Ramsay Geo. S. Baker Peter I. Kershner Geo. W. Butler Murray J. Myers C. L. Morin Raymond Johnson Dan McCunningham W. C. Honan Chas. A. Brown Geo. W. Ward M. B. Miller Chas. Cowie Louis Metsker Laomer West B. Howes Allen A. Holcombe Chas. E. Steel W. G. Shaw H. D. Mayne F. M. Perry Thos. Castor A. M. Rook Geo. C. Moser Lowell Clarke Rice P. Steddom W. P. Ellenberger Abram M. Adams O. G. Atherton N. G. Houck Chas. D. O. O. O. W. B. Niles Tait Butler	do	82.
	VI D Miles	do	62. 59.

 $Expenditures\ of\ Department\ of\ Agriculture\ for\ year\ ending\ June\ 30,\ 1901-{\bf Cont'd}.$

Date.	Name.	Nature of payment.	Total
1900.			
ov. 20	Cora A. Houseman R. P. Clarke Co	Traveling expenses Linen toweling Hire horse and buggy Traveling expensesdodo	\$20
01110	R. P. Clarke Co	Linen toweling	3
21		Hire horse and buggy	48
	J. A. Cooper Frank C. Eells Robt. H. Treacy Levi P. Beechy W. D. Jorden Lislie J. Allen F. L. Russell W. S. Levitz	Traveling expenses	50 77 126
	Robt. H. Treacy	do	77
	Levi P Beechy	do	126
	W.D. Jorden	do	81
22	E. I. Procedi	00	74
24	F. L. Hussell M. S. Lantz Wm. C. Siegmund Axel Kolling Marion Williams Bernard W. Murphy Jno. McBirney Hugh M. Rowe Goes Lithographing Co do Chicago Car Seal and Manufacturing Co	Sarvigas	39 101
	Wm. C. Siegmund	do	101
	Axel Kolling	do	32
	Marion Williams	Traveling expenses	18
	Bernard W. Murphy	do	62 82
	Jno. McBirney	do	82
23	Hugh M. Rowe	Meat inspection stamps	100
	Goes Lithographing Co	Meat inspection stamps	952 32
	Chicago Clan Scal and Manufactuning Co	Dialra	3%
	The American Press	Climpings	20
	United States Envelope Co	Envolones	89
	do Chicago Car Seal and Manufacturing Co The American Press. United States Envelope Co Ernest Betz. American Ice Co Wm. H. Rupp. M. Du Perow. E. Burgdorf. Chicago, Indianapolis and Louisville R. R. Co	Meat inspection stampsdo Disks Clippings Envelopes Furnace Ice	82 137 18
	American Ice Co	Ice	18
	Wm. H. Rupp	Twine	16
	M. Du Perow	Incandescent lights	16
	E. Burgdorf	Use of horse and buggy	25
24	Chicago, Indianapolis and Louisville R. R.	Transportation	
		Descenden transportation	10
	Pennsylvania R. R. Codo	Passenger transportation	12
	do do Southern Rwy. Co. Littlefield. Alvord & Co. W. M. Galt & Co.	do	
	Southern Rwy Co	do	Ē
	Littlefield, Alvord & Co.	Hauling	125
	W. M. Galt & Co	Hauling. Feed for animals	125 276
26	S. R. Burch	Traveling expenses	58
	A. D. Melvin	do	58 111
- 84	D. Frank Parker	Stencil paper, etc	4
27	A. D. Melvin D. Frank Parker E. D. Markram	Traveling expenses do Stencil paper, etc Hogs Supplies Transportation Sheeting Electric current	90
	Z. D. Gilman	Supplies	11
	P. P. Clarko Co.	Shooting	1
	United States Electric Lighting Co	Electric current	1.5
	Hugh Rielly	Electric current Glass and glue Soldering boxes	1
	Harris & Shafer Co	Soldering boxes	1
	Washington Gaslight Co	Gas	26
	Edw. S. Schmid	Prepared food	6
	Ernest Betz	Repairing copper still	20
	Rudolph, West & Co	Wheelbarrows, etc	43
	F C Sabroader	Office expenses	11
	A. Wilson & Bro	Prepared food Repairing copper still Wheelbarrows.etc Shoeing horses Office expenses Forage Horses and wagons Saddle horse Butter	1,848
28	Hiram W. Hawley	Horses and wagons	23
~ 3	S. W. Burt	Saddle horse	15
	H. J. Evans	Butter Cupboard	12
	D. Fairs Tarket E. D. Markram Z. D. Gilman The Geo. W. Knox Express Co. R. P. Clarke Co. United States Electric Lighting Co. Hugh Rielly Harris & Shafer Co. Washington Gaslight Co. Edw. S. Schmid Ernest Betz Rudolph, West & Co. Wm. Lochte E. C. Schroeder A. Wilson & Bro. Hiram W. Hawley S. W. Burt H. J. Evans David C. Wilbur Cornish, Curtis & Greene Manufacturing Co. About Dean	Cupboard	10
	Cornish, Curtis & Greene Manufacturing	Butter	1
	Co.	Office owners	Py
		Chice expenses	7
	W. E. Hill Don_W. Patton	Traveling expenses	2 2 15
	do	Use of horse	15
	Jas. W. Davis	Office expenses Use of horse Use of horse and buggy Use of horse and wagon Stoves File case, etc Coal Office expenses	18
	Hiram W. Hawley	Use of horse and wagon	40
	Detroit Stove Works	Stoves	48
	A. P. Little	File case, etc	2
	Fort Wayne Coal Co.	Coal	16
	O. E. Dyson	Office expenses	67
	Don W. Pattondo Jas. W. Davis Hiram W. Hawley. Detroit Stove Works A. P. Little Fort Wayne Coal Co. O. E. Dyson Stock Yard Paint Co. O. E. Dyson	Office expenses Wire cutters, etc. Saddle horse	15
	Albert I Powne	Office expenses	70
	Walter M Foster	do	7 7 26
	O. E. Dyson Albert J. Payne Walter M. Foster Frank Parker J. Otis Jacobs Ernest J. Foreman do Tait Butler do W. E. Howe Harry B. Adair Axel Kolling	Office expenses Office expenses do do do	26
	J. Otis Jacobs	Traveling expenses	49
	Ernest J. Foreman	Office expenses	9.
	do	do	9
	Tait Butler	do	1
	do	do	1
	W. E. Howe	Traveling expenses	91
	Harry K Adair	do	70.

ite.	Name.	Nature of payment.	Total.
00.			
7. 28	Burton R. Rogers The Wollaeger Manufacturing Co	Services	\$97. 26. 2. 35. 3.
	The Wolfaeger Manufacturing Co	Desk	26.
	Tait Butler	Office expenses	2.
	Albert E. Bennke	Use norse and buggy	9
	The Wollaeger Manufacturing Co Tait Butler Albert E. Behnke Jno. McBirney Page County Bank J. P. Burrows Iowa Telephone Co Orrin W. Snyder Saml. E. Cosford Chas. Keane St. Louis National Stock Yards A. Bauman W. S. Cass	Desk Office expenses Use horse and buggy Office expenses Office rent Cholera mixture Telephone rent Keeping horse Hire horse and buggydo Office rent Hire horse and buggy Horse feed Saddle-horse hire	9.
	J. P. Burrows	Cholera mixture	46.
	Iowa Telephone Co	Telephone rent	46. 2.
	Orrin W. Snyder	Keeping horse	20.
	Saml. E. Cosford	Hire horse and buggy	20.
	Chas. Keane	do	25.
	St. Louis National Stock Yards	Office rent	50.
	A. Bauman	Hire norse and buggy	20. 10.
	W. S. Cass.	Foddle hovee him	23.
	Silver Laundry and Towal Co	Saddle-horse hire Towel service	6.
	Chas H Stevens	Traveling expensesdododo	39.
	Wm. E. Mowrer	do	5.
	Wilton E. Crewe	do	30
	Wm. C. Siegmund	do	114.
30	Jos. Abel et al.	Salaries	3, 108. 132.
1	St. Louis National Stock Fards A. Bauman W. S. Cass. S. E. Bennett Silver Laundry and Towel Co Chas. H. Stevens Wm. E. Mowrer Wilton E. Crewe Wm. C. Siegmund Jos. Abel et al Wyckoff, Seamans & Benedict E. A. de Schweinitz A. D. Melvin R. W. HickmandoMontague Cooperative Creamery Co Chas. Cowie W. H. Rose A. G. G. RichardsondodoWilliams Brown & Farle	doSalariesRepairs to typewriterOffice expenses	132.
	E. A. de Schweinitz	Omce expenses	30,
	P. W. Hielzman	Traveling expenses do Office expenses	13. 14.
	do.	Office avnenge	5.
3	Montague Cooperative Creamery Co	Butter	0.0
-	Chas, Cowie	Butter Traveling expenses	11.
	W. H. Rose	Office expenses	26.
	A. G. G. Richardson	Hire horse and buggy	38.
	Montague Cooperative Creamery Co. Chas. Cowie W. H. Rose A. G. G. Richardsondowilliams, Brown & Earle. Dennison Manufacturing Co. Library bureau Bausch & Lomb Optical Codo Wm. D. Saunders. Jno. A. Bell M. S. Lantz W. H. Gibbs. Frank Parker Geo. S. Hickox Thos. Somerville & Sons. Eastern Shore of Virginia Produce Co. Jno. S. Buckley J. Wm. Fink Johnson Bros R. Carter Ballantyne New York, New Haven and Hartford R. R. Co. Pennsylvania R. R. Co.	Office expenses	6.
	Williams, Brown & Earle.	Specimen jars	6.
	Library by son	Meat tags	1.
	Bougah & Lomb Ontical Co	Index cards	21.
	do	do	21. 2. 19.
	Wm. D. Saunders	Butter	4.
	Jno. A. Bell	Services	16.
	M. S. Lantz	Traveling expenses	39.
	W. H. Gibbs	do	3.
	Frank Parker	do	18.
	The Companyille & Cons	Campling for la bone town	163. 17.
4	Fastern Share of Virginia Produce Co	Sweet potatoes	20.
-	Jno. S. Buckley	Services	97.
	J. Wm. Fink	do	97. 97. 96.
5	Johnson Bros	Fuel	96.
	R. Carter Ballantyne	Wax, etc	15. 10.
	New York, New Haven and Hartford R. R.	Passenger transportation	19.
	Co.	1.	00
	Union Pacific P. P. Co	do	32,
	Southorn Parr Co	do	29 22
	Pennsylvania R. R. Co- Union Pacific R. R. Co- Southern Rwy. Co- Cincinnati, New Orleans & Texas Pacific	do	4.
	Rwy. Co.		
	Louisville and Nashville R. R. Co.	do	101.
6	J. Otis Jacobs	Services	101.
7	Albert Dean et al	Salaries	513.
	Jno. McBirney et al	(1)	391
	Albert I Payno et al	Omce expenses	11. 777. 173.
	Fredk Braginton et al	do	179
	L. Enos Day et al	do	173
	Geo. Ditewig et al	do	173. 261.
	Ira K. Atherton et al.	do	179.
	E.P. Schaffter et al	do	478.
	Thos. J. Turner et al	do	442. 1, 115.
	W.S. Cass et al	do	1, 115.
	W. C. Barth et al.	do	187.
	H D Mayne	Couriege	187. 257. 97.
	E P Dowd et al	Sulariae	97. 173.
	H. A. Hedrick et al.	do	463
	N.K. Fegley et al	do	173
	W.J. Stewart et al.	do	1,207.
	A. E. Behnke et al	do	1.207. 1.116. 178.
0	Cincinnati, New Orleans & Texas Pacific Rwy. Co. Louisville and Nashville R. R. Co. J. Otis Jacobs Albert Dean et al Jno. McBirney et al Jno. McBirney et al Jno. McBirney et al L. Enos Day et al L. Enos Day et al Geo. Ditewig et al Ira K. Atherton et al E. P. Schaffter et al W. S. Cass et al W. C. Barth et al F. W. Ainsworth et al H. D. Mayne E. P. Dowd et al H. A. Hedrick et al W. J. Stewart et al A. E. Behnke et al Jas. S. Kelly et al Joshua Miller et al Joshua Miller et al	do	178.
8	Trajan A. Shipley et al.	do	oro.
		do	246.

Date.	Name.	Nature of payment.	Total
1900.	Willis B. Lincoln et al Jas. J. Brougham et al Lewis R. Baker et al Lewis R. Green et al Saml. E. Cosford et al Frank D. Ketchum et al O. W. Snyder H. L. McDonald Chas. A. Brown Arthur M. Rork Dan. McCunningham Chas. E. Steel Wm. G. Shaw Richd. J. Blanche Wm. D. Jorden Louis Metsker Raymond Johnson Howard M. Burgess W. E. Hill Thos. Castor Murray J. Myers Monroe B. Miller Peter I. Kershner Harry D. Paxson L. J. Allen Thos. A. Bray Harry B. Adair Wm. J. Jeh Herman Bussman et al Edwin Barthold et al O. E. Dyson et al Jas. Johnson et al Jas. Johnson et al A. G. G. Richardson et al Geo. C. Faville et al Geo. C. Faville et al Jun. A. Bell E. L. Volgenau		
ec. 8	Willis B. Lincoln et al	Salaries	\$156 2,082 894 173 173 776
00, 0	Jas. J. Brougham et al	do	2,082
	Lewis R. Baker et al	do	894
	Lewis K. Green et al	do	173
	Saml. E. Cosford et al	do	173
	Frank D. Ketchum et al.	do	776
	U. W. Snyder	Services	114 73 73
	Chag A Proper	do	70
	Arthur M Rork	do	97
	Dan McCunningham	do	97
	Chas. E. Steel	do	97 97 97
	Wm. G. Shaw	do	97
	Richd. J. Blanche	do	97 97 97
	Wm. D. Jorden	do	97
	Louis Metsker	do	97
	Raymond Johnson	00	97
	W F Hill	do	97 97 97
	Thos Castor	do	97
	Murray J. Myers	do	97
	Monroe B. Miller	do	97
	Peter I. Kershner	do	97 110
	Harry D. Paxson	do	114
	L. J. Allen	do	114
	Thos. A. Bray	do	114 114
3	Harry B. Adair	The al	114
10	W m. J. Zen	Fuel	162
10	Edwin Porthold of al	do	9 160
	O E Dyson et al	do	897 2,160 7,504
	F. W. Huntington et al	do	149
	Julius Huelsen et al	do	537
	do	Office expenses	149 537 6 966
	W. A. Rose et al	Salaries	966
	Jas. Johnson et al	do	1,411
	A. G. G. Richardson et al	do	779
	Chas. H. Zink et al	do	1, 411 779 788 270 173 24 114
	W. J. Marrish et al.	do	270
	The A Deli	Services	175
	E. I. Volgenan	do	114
	Chas A Schaufler et al	Salaries	799
11	Morris Wooden et al	do	5,892
	Geo. C. Faville et al. W. J. Murphy et al. Jno. A. Bell E. L. Volgenau Chas. A. Schaufler et al. Morris Wooden et al. Jas. Irwin L. F. Williams	Services	81
	J. E. Williams	do	68
	D. Cumming Arthur B. Morse. A. J. Pistor L. A. Robinson et al	do	110
1	Arthur B. Morse	do	114
	A. J. Pistor	Caloria	1 224
	R Howes	Sarries	1,004
	C. L. Morin	do	79
	R. P. Steddom	do	114 799 5,892 81 68 110 114 97 1,334 97 72 114
	Walter M. Foster	do	58 29 73
	L. A. Robinson et al B. Howes C. L. Morin R. P. Steddom Walter M. Foster Fredk. T. Dolan Jos. M. Turner W. P. Fillenbarger	do	29
	Jos. M. Turner	do	73
	W. P. Ellenberger	do	97 114 2,561 12
	F. W. Hopkins	do	114
	Harry N. Waller et al	Salaries	2,561
13	Fdwd Propries	Envelopes and letter neads	12
10	Lavi P Roochy	Services	40 97 97
	W C Siegmund	do	97
	Axel Kolling	do	97
	D. G. Cooper	do	97
	Frank C. Eells	do	97 97
	Fredk. T. Dolan Jos. M. Turner	do	81
	J. Otis Jacobs	do	97.
	Frank Parker	do	81. 97. 97.
	M. S. Lantz	do	97.
	A. A. Holcombe	do	114.
	W.E. Howe	do	97. 97. 97.
	Hugh M Powe	00	97.
	Chas H Stoyens	do	114.
	Ernest N Hutchinson at al	Salarias	285.
	Geo. S. Baker et al	do	409
	Chag Konno et al	do	378. 173. 1,397.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

ate.	Name.	Nature of payment.	Total
900.			
2. 13	John Forbes et al Tait Butler et al Don C. Ayer et al Tooie A. Geddes. Samuel E. Bennett et al N. C. Sorensen et al A. R. Wake et al Richd. W. Tuck et al Frank T. Shannon et al Wilton F. Crewe Henry P. Armsby et al G. W. Ward F. M. Perry H. P. Potter. W. H. Wray	Salaries	\$2,319
	Tait Butler et al	do	498
	Don C. Ayer et al	Convices	4,096. 163.
14	Samuel E Rennett et al	Salaries	5, 520
11	N. C. Sorensen et al	do	1,784
	A. R. Wake et al	do	1,784 1,138
	Richd. W. Tuck et al.	do	187. 187. 97.
	Wilton E Change	do	187.
	Henry P Armshy et al	Salaries	211
	G. W. Ward	Services	55.
	F. M. Perry	do	60.
	H. P. Potter	do	13.
	W.H. Wray.	Office expenses	375.
	do	Traveling expenses	15. 16.
	J. F. Ryder	Services	163.
	do J. F. Ryder do	do do Office expenses Traveling expenses Services Traveling expenses do Services	45.
		do	30. 40.
	Caroline Burnaby	Services	21.
	John C Parker	Renairing nencil sharpener	1.
	F. L. Russell	Services	168.
15 17	Caroline Burnaby do John C. Parker F. L. Russell C. M. Day Mackall Bros	do	15.
17	Mackall Bros	Alcohol, etc.	28,
	Mackall Brosdo	Alconol, etcdodoWire netting, etcFurniture Traveling expensesdoServices	19. 36.
	W B Moses & Sons	Furniture	1.12
	Edwd. P. Shaffter	Traveling expenses	2 19 114
	Anna B. Armstrong	do	19.
	Lowell Clarke	Services	114
	Geo. S. Baker	Traveling expenses	5. 2.
	R. J. Blanche	do	ĩ
	A. J. Pistor R. J. Blanche Peter I. Kershner	do	5
	W. E. Hill	do	1
	W. E. Hill Howard M. Burgess Monroe B. Miller John A. Bell F. I. Velgenen	do	1 2 5
	Monroe B. Miller	do	7
	E. L. Volgenau	do	17
	John A. Kiernan	do	30.
	Nathan K. Fegley	do	5.
	Hervey T. Potter	do	5.
18	John A. Bell E. L. Volgenau John A. Kiernan Nathan K. Fegley Hervey T. Potter F. M. Perry Abram M. Adams Allen A. Holcombe Chas A. Brown	do	6. 54.
-0	Allen A. Holcombe	- do	23.
	Chas. A. Brown	do	17.
	Chas. A. Brown Dan. McCunningham Leslie J. Allen H. D. Mayne	do	18. 29.
	Leslie J. Allen	do	29. 5.
	Chas Cowie	do	9
	C. L. Morin	do	23
19	Chas. Cowie	Services	23. 95.
	G. W. Ward	Traveling expenses	9.
	W. P. Filanbaugan	do	13.0.
	Fredk T Dolan	do	11.0 85 17.
	Geo. Jobson	do	12 59
	Chas. M. Day	do	59
	Levi P. Beechy	do	107
	W. C. Siegmand	do	88 59
	Matthias S Lantz	do	56
	Frank C. Eells	do	52
	H. D. Mayne Chas. Cowie C. L. Morin Chas. Cowie G. W. Ward Rice P. Steddom W. P. Ellenberger Fredk. T. Dolan Geo. Jobson Chas. M. Day Levi P. Beechy Geo. S. Hickox W. C. Siegmund Matthias S. Lentz Frank C. Eells Thos. A. Bray Raymond Johnson Arthur M. Rork Thos. Castor	do	8.
	Raymond Johnson	do	48.
	Thos Costor	do	50.
	Thos. Castor	do	46. 34.
	Murray J. Myers Thos. Redmond Jno. McBirney	do	9.
	Jno. McBirney	do	73.
	R. A. Ramsay	do	5.
	American Ice Co	Ice	15. 165.
20	Dennison Manufacturing Co	W neat straw	165.
	American Ice Co A. Wilson & Bro Dennison Manufacturing Co E. J. Brooks Co Harry N. Waller Wm. E. Pratt Chicago Car Seal and Manufacturing Co.	CO Ce Wheat straw Meat tags Compressor glasses Traveling expenses Hog rings, etc Tags	74.
	Harry N. Waller	Traveling expenses	18.
	West E Day 14	Hog rings oto	20.

	Nature of payment.	Total.
W.D. W.		A40 11
W. R. Fleming	Traveling expenses	\$13.7
J. Otis Jacobs	do	13. 4 50. 1
Martha A. Britton	do	50. 1 15. 2
O. G. Atherton	do	19.8
H M Rowe	do	63. 50 84. 0
Wm. D. Jorden	do	81.6
Jno. S. Buckley	do	9.9
Goo G Hill	do	11.6 69.6
dodo	Services	50.0
Chicago and Northwestern Rwy. Co	Passenger transportation	42.5
United States Electric Lighting Co	Electric current	16.2
Jos W Wilson	Traveling expenses	29.8 28.8
Chas. Kettler	Butchers' overall coats	8.2
Lutz & Co.		9.0
Thos. Somerville & Sons	Cement, etc	42.5
Church & Stephenson	Lumber	258.3 39.0
		174.3
Mackall Bros	Sunnies	107.5
E. A. de Schweinitz	Office expenses	3. 6 26. 7 77. 2
Axel Kolling	Traveling expenses	77.2
Wilton F. Crewe	do	66.9
W. G. Shaw	do	43.8
Walter E. Howe	do	43.8 97.7
Wm. C. Siegmund	do	119.5
Robt. H. Treacy	do	58.5
W. B. Niles	do	55. 2 34. 7
Chas. H. Stevens	do	21.9
Burton R. Rogers	do	21.9 27.0
Jay E. Williams	do	4.1
Tait Butler	Office expenses	1.3
Don C. Aver	do	3.77 2.0
W.S. Cass	do	2.0
Chas. M. Day	The valing armonage	3.5
Nathan K Fegley	Office expenses	89. 80 4. 30
W. H. Rose	do	23.4
B. Howes	do	2.5 3.6
Julius Huelsen	do	5.1
E. E. Schroeder	do	5.5
Jos. Abel et al	Salaries	3,051.3
		234, 946. 7
Total second quarter		204, 540. 1
Baltimore and Ohio R. R. Co	Passenger transportation	67.0 31.7
Louis Rwy Co	J	91.1
Pennsylvania Co	do	17.5
Kansas City, St. Joseph and Council Bluff	do	1.9
R. R. Co.	do	21.4
The Atchison, Topeka and Santa Fe Rwy.	do	17.0
Co.		
The Chesapeake and Ohio Rwy. Co	do	$\begin{array}{c} 2.5 \\ 115.0 \end{array}$
Chicago Milwaukee and St. Paul Rwy Co.	do	12.7
Santa Fe Pacific R. R. Co.	do	12.7 21.3
The Missouri Pacific Rwy. Co	do	5.8
Pennsylvania R. R. Co	do	6.5
do	do	20. 0 15. 7 8. 9
do	do	8.9
St. Louis National Stock Yards	Office rent	50, 0
W.S. Devoe	Traveling expenses	45. 0 203. 8
do	Traveling expenses	62. 4 2. 0
	Trutching of pomoco	0.4. 1
Hibbard, Spencer, Bartlett & Co	Clippers	2.0
do do do Hibbard, Spencer, Bartlett & Co Orrin W. Snyder J. P. Burrows Page County Bank	Clippers Keep of horse Hog-cholera mixture	2.0 20.0 8.9
	do J. Otis Jacobs Martha A. Britton O. G. Atherton Lowell Clarke H. M. Rowe Wm. D. Jorden Jno. S. Buckleydododo Geo. G. Hilldo Geo. G. Hilldo Chicago and Northwestern Rwy. Co United States Electric Lighting Co. Washington Gaslight Co Jos. W. Wilson Chas. Kettler Lutz & Co. Thos. Somerville & Sons. W. M. Galt & Co. Church & Stephensondodododo Mackall Bros E. A. de Schweinitzdo Axel Kolling Wilton F. Crewe W. G. Shaw Chas. E. Steel Walter E. Howe Wm. C. Siegmund Robt. H. Treacy W. B. Niles F. T. Dolan Chas. H. Stevens Burton R. Rogers Jay E. Williams Tait Butlerdo Don C. Ayer W. S. Cass Chas. M. Day F. L. Russell Nathan K. Fegley W. H. Rose B. Howes B. Harry N. Waller Julius Huelsen E. E. Schroeder Jos. Abel et al. Total second quarter Baltimore and Ohio R. R. Co Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Pennsylvania Co Kansas City, St. Joseph and Council Bluff R. R. Codo The Atchison, Topeka and Santa Fe Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co. The Missouri Pacific R. R. Co. The Missouri Pacific R. R. Co. Pennsylvania R. R. Co. Southern Rwy. Co. do do S. Devoe	Mackall Bros Supplies E. A. de Schweinitz Traveling expenses Axol Kolling Traveling expenses Wilton F. Crewe do W. G. Shaw do Chas. E. Steel do Wm. C. Siegmund do Robt. H. Treacy do W. B. Niles do F. T. Dolan do Chas. H. Stevens do Burton R. Rogers do Jay E. Williams do Jay E. Williams do Jay E. Williams do Jon C. Ayer do W. S. Cass do Chas. M. Day do F. L. Russell Traveling expenses Nathan K. Fegley Office expenses W. H. Rose do B. Howes do Harry N. Waller do Jos. Abel et al Salaries Total second quarter Baltimore and Ohio R. R. Co Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Recompanylyania Co. Kansas City, St. Joseph and Council Bluff R. R. Co. do do Ohenseylyania Co. Kansas City,

	Name.	Nature of payment.	Tot
3	Wyckoff, Seamans & Benedict Hiram W. Hawley do A. M. Rothchild & Co	Ink eradicator	
	do	dodo	
	A. M. Rothchild & Co.	Hamper basket	
	A. P. Little	Office expenses	
	A Rauman ir	Office expenses Hire of horse Hire of horse and buggy	
	A. M. Rothenid & Co. A. P. Little S. W. Burt A. Bauman, jr Jas. W. Davis Jas. B. Archer Jas. Laughlin	Celf	
	Jas. B. Archer	Calf	
	Jas. Laughlin	Calves	
,	7. F	Carres	
	J. Gates & Bros	Desk	
	Missouri Stock Yard Co- J. Gates & Bros. Chicago Car Seal and Manufacturing Co- Albert Lea Dairy Association Bausch & Lomb Optical Co- J. P. Nawrathdo	Tags, etc	
	Albert Lea Dairy Association	Butter	
	J P Nawroth	Sponges etc	
	do	Microscopical supplies Sponges, etc Twine, etc	
	Eberhard Faber	Rubber bands	
	Yawman & Erbe Manufacturing Co	Binding cases	
	E J Brooks & Co	Compressor glasses	
	QO Eberhard Faber Yawman & Erbe Manufacturing Co. Queen & Co., Incorporated E. J. Brooks & Co. Miller Bros. & Co. B. A. Headley Jas Lambie	Steel tape	
	B. A. Headley	do	
1	Jas. Lambie	Hardware	
	Jas. Lambie R. P. Clarke & Co do do	India linen	
	do	Red tape Silk handkerchiefs	
	Z. D. Gilman	Chemical supplies	
	Z. D. Gilman M. Du Perow Wm. Lochte	Chemical supplies Desk telephone Horseshoeing	
	Rapher & Ross	Horsesnoeing	
	Standard Oil Co	Oil	
	East Shore of Virginia Produce Exchange.	Sweet potatoes	
-	Goes Lithographing Co.	Meat-inspection stamps	6
	S E Bennett	Saddle horse	
	W. S. Cass	Horse feed.	
i	Sam. E. Cosford	Horse hire	
	Don C. Ayer	do	
	Eimer & Amend	Chemicals	;
	Michigan Central R. R. Co	Transportation	
	-do	do	
	Z. D. Gilman M. Du Perow Wm. Lochte Barber & Ross Standard Oil Co East Shore of Virginia Produce Exchange Goes Lithographing Co Chas. Keane S. E. Bennett W. S. Cass Sam. E. Cosford Don C. Ayer A. E. Behnke Eimer & Amend Michigan Central R. R. Codo Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. Burlington, Cedar Rapids and Northern Rwy. Co.	do	
	Louis Rwy. Co. Burlington, Cedar Rapids and Northern	do	
	Chicago, Indianapolis and Louisville Rwy.	do	
	Co. Vandalia Lina	do	
1	Vandalia Line Nashville, Chattanooga and St. Louis Rwy.	do	
Ì	_ Co.		
	Burlington and Missouri R. R. in Nebraska.	do	
~	United States Express Co	do	
	E. N. Hutchinson	Office expenses	6
3	F. M. Perry	Services	1
	Jno. A. Bell	do	
	C. L. Morin	do	10
1	Hervey T. Potter	do	-
	E. L. Volgenau	do	11
	A. G. G. Richardson et al	Salaries	80
	Ino Forbes	do	1, 01 2, 27
	W. S. Cass et al	do	1.17
	A. E. Behnke et al	do	1,15
	L. K. Baker et al	do	92
	Geo. Ditewig et al	do	80 26
	E. P. Shaffter et al	do	48
	Thos. J. Turner et al	do	45
,	T. W. Amsworth et al	do	31 33
'	Co. Burlington and Missouri R. R. in Nebraska. Pennsylvania Co United States Express Co E. N. Hutchinson F. M. Perry Jno. A. Bell H. D. Mayne C. L. Morin Hervey T. Potter E. L. Volgenau A. G. G. Richardson et al Jno. McBirney et al Jno. Forbes W. S. Cass et al A. E. Behnke et al L. R. Baker et al A. J. Payne et al Geo. Ditewig et al E. P. Shaffter et al Thos. J. Turner et al F. W. A. insworth et al T. A. Shipley et al J. Miller et al T. A. Shipley et al J. Miller et al Tait Butler et al Frank D. Ketchum et al Ira K. A. Aherton et al Ira K. A. Aherton et al Ira K. A. Aherton et al Ira K. A. Chechum et al	do	38 28
H	Tait Butler et al.	do	56
N	Frank D. Ketchum et al	do	79
	Ira K. Atherton et al	do	18

Date.	Name.	Nature of payment.	Total.
1901.	F. Braginton et al W. C. Barth et al Jos. S. Kelly et al Louis K. Green et al. Samuel E. Cosford et al Elwin T. Davison et al L. Enos Day et al Niels C. Sorensen et al Jon C. Ayer et al Albert Dean et al Thos. Castor Thos. A. Bray H. D. Paxson L. J. Allen Harry B. Adair A. M. Rork Wm. D. Jorden Harry B. Adair Monroe B. Miller W. E. Hill Murray J. Myers W. G. Shaw Howard M. Burgess' Chas. E. Steel Raymond Johnson Louis Metsker Peter I. Kershner Dan McCunningham Harry L. McDonald R. H. Treacy D. Cumming A. B. Morse Frank Parker Hugh M. Rowe Geo. S. Hickox Levi P. Beechy W. E. Howe M. S. Lantz A. A. Holcombe Frank C. Eells Morris Wooden et al E. N. Hutchinson et al		
an. 9	F. Braginton et al	Salaries	\$178. 193. 200.
	W. C. Barth et al	do	193.
	Jos. S. Kelly et al	do	100.1
	Samuel E Cosford et al	do	178
	Elwin T. Davison et al	do	196. 178. 178.
	L. Enos Day et al	do	178.
	Niels C. Sorensen et al	do	1,850. 2,158. 4,281. 101. 5,884.
	Jas. J. Brougham et al	do	2, 158.
	Don C. Ayer et al.	do	4,281.
10	J. Wm. Fink	Services	101.
10	Albort Doop et al	Salaries	560
	Thos Castor	Services	117
	Thos. A. Bray	do	117. 117. 117. 117.
	H. D. Paxson	do	117.
	L.J. Allen	do	117.
	Harry B. Adair	do	117. 101. 101.
	A. M. Rork	do	101.
	W.m. D. Jorden	do	101.
	Monroe R Miller	do	101.
	W. E. Hill	do	101. 101.
	Murray J. Myers	do	101.
	W. G. Shaw	do	101. 101. 101.
	Howard M. Burgess'	do	101.
	Chas. E. Steel	do	101.
	Raymond Johnson	do	101.
	Louis Metsker	do	101. 76. 75.
	Dan McCunningham	do	75
	Harry L. McDonald	do	75. 101. 80. 117.
	R. H. Treacy	do	101.
	D. Cumming	do	80.
	A. B. Morse	do	117.
	Frank Parker	do	101. 101. 84.
	Hugh M. Rowe	do	101.
	Geo. S. Hickox		101
	W E Howe	do	101. 101. 101. 117.
	M. S. Lantz	do	101.
	A. A. Holcombe	do	117.
	Frank C. Eells.	do	101. 5,878. 295.
11	Morris Wooden et al	Salaries	5,878.
	E. N. Hutchinson et al	do	295.
	Frank C. Eells Morris Wooden et al E. N. Hutchinson et al O. B. Hess et al Chas. Keane et al Frank T. Shannon et al D. Frank Parker	do	178. 390. 193.
	Frank T Shannon et al	do	193
	D Frank Parker	Typewriter ribbons	13.
	do	Carbon paper	2.
	Jno. C. Parker	Knives	1.
12	O. Frank Parker do Jno C. Parker O. E. Dyson et al Frank Rimmer Genevieve Petrie Walter J. Stewart et al Caroline M. Hopkins Pearl M. Finch Geo. S. Baker et al David M. Nesbit et al Geo. C. Walker A. R. Wake Wm. Thompson et al A. k. Wake et al Wm. Thompson R. W. Tuck et al Houghton & Delano Church & Stephenson Barber & Ross W. H. Detakes W. H. Detakes	Carbon paper Knives Salaries	2. 1. 7,764.
	Frank Rimmer	Services	13. 1,394. 5.
	Welton I Stowent at -2	Calariag	1 204
	Carolina M. Honkins	Salaries	1, 594.
	Pearl M. Finch	do	10.1
	Geo. S. Baker et al	Salaries	422. 150.
	David M. Nesbit et al	do	150.
	Geo. C. Walker	do Smokestack	1,533. 1,535. 20.
14	A. R. Wake	Services	3.
	Wm. Thompson et al.	Salaries	1,533.
	A. R. Wake et al	Office expenses	1, 200.
	P. W. Tuels et al	Calariag .	453.
	Houghton & Delano	Salaries Supplies	6.
	Church & Stephenson	Lumber	6. 39.
	Barber & Ross.	Sweeping brushes	18.
	Barber & Ross. W. H. Butler M. Du Perow Rudolph, West & Co Mackall Bros R. W. Hickman G. W. Ward	Lumber Sweeping brushes Oil Telephone receiver	18. 1. 1.
	M. Du Perow	Telephone receiver	1.
	Kudolph, West & Co	Scrub brushes	52.
	Mackall Bros	Alcohol, etc Traveling expenses	49. 20.
	G. W. Hickman	Corving expenses	50.
	B Howes	Servicesdo	101.
	F. L. Russell	do	40.
	B. Howes F. L. Russell Chas. Cowie Herman Busman et al		101. 40. 75.
	Herman Busman et al.	Salaries	927.3
	TI M D-11 -4 -1	do	1, 356. 2, 211.

te.	Name.	Nature of payment.	Total
1.			
15	N. K. Fegley et al. W.J. Murphy et al. Edw. P. Dowd et al. W.H. Rose et al. Julius Huelsen et al. H. A. Hedrick et al. C. A. Schaufler et al. Jas. Johnston et al. Geo. C. Faville et al. C. H. Zink et al. F. W. Huntington et al. H. N. Waller et al. H. N. Waller et al. Tooie A. Geddes United States Electric Lighting Co. Washington Gaslight Co. Chas R. Edmonston.	Salaries	\$178 178 178 974 635
	W.J. Murphy et al	do	178
	Edw. P. Dowd et al	do	178
	W. H. Kose et al	do	974
	H A Hadrick at al	do	$\begin{array}{c} 653 \\ 478 \\ 829 \\ 1,468 \\ 279 \\ 769 \\ 158 \\ 2,638 \\ \end{array}$
	C. A. Schaufler et al	do	829
	Jas. Johnston et al	do	1.468
	Geo. C. Faville et al	do	279
	C. H. Zink et al.	do	769
	F. W. Huntington et al	do	156
	H. N. Waller et al.	Convises	2,008
16	United States Electric Lighting Co	Electric current	2,006 168 16 31 2 38 1 15
10	Washington Gaslight Co	Gas	31
	Chas. R. Edmonston	Supplies	2
	Z. G. Gilman	Supplies Thermometers, etc	38
	F. P. May & Co	Mousetrap	_ 1
	American Ice Company	lce	15
	W.S. Devoe	Services	210 101 117 60
	Lowell Clarks	do	117
	Thos Redmond	do	60
	Chas. R. Edmonston Z. G. Gilman F. P. May & Co American Ice Company W. S. Devoe J. Otis Jacobs Lowell Clarke Thos. Redmond A. J. Pistor Chas. H. Stevens Jas Irwin O. W. Snyder	do	101 117 84 117 78 117
	Chas. H. Stevens	do	117
	Jas. Irwin	do	84
	O. W. Snyder Wilton T. Crewe R. P. Steddom Fredk. W. Hopkins	do	117
	Wilton T. Crewe	do	115
	Fredk W Honking	do	110
	do	Office expenses	110
	do Walter M. Foster J. M. Turner W. P. Ellenberger F. T. Dolan O. E. Dysondo Maggie Taylor W. S. Cass Inez J. Christie Allen A. Holcombe E. J. Foreman	Services	60
	J. M. Turner	do	60 75
	W.P.Ellenberger	do	101
	F. T. Dolan	do	101 13
	O. E. Dyson	Saddle horse	16
	Maggie Taylor	Sarvices	14
	W.S. Cass	Office expenses	
	Inez J. Christie	Traveling expenses	10
	Allen A. Holcombe	do	10
	E.J. Foreman do Boyd Baldwin	Office expenses Office expenses Traveling expensesdo Office expensesdo Traveling expenses	9
	D1 D-11	do	
	Ino T Nolson	Traveling expenses	18
	F D Ketchum	do	10
	A. B. Morse	do	1:
	W. C. Siegmund	do	20
	Thos. A. Bray	do	2
	Chas. E. Steel	do	2
	Boton I Kombron	00	1.
	Monroe R Miller	do	15
	W. E. Hill	do	10
	Henry P. Armsby	do	18 250
	Geo. S. Baker	do	250 563 17 387 54
	O. S. McChesney	do	27
17	Henry E. Alvord	do	563
	W H Wron	Convisos	997
	do	Office expenses	59
	do	Traveling expenses	14
	Caroline Burnaby	Services	40
	J. F. Ryder	do	168 47
	do	Traveling expenses	47
	Thos. Castor	do	60
	Goo C Mosov	do	58 58
	E. J. FOFEMAN do Boyd Baldwin Juo. T. Nelson F. D. Ketchum A. B. Morse W. C. Siegmund Thos. A. Bray Chas. E. Steel Harry B. Adair Peter I. Kershner Monroe B. Miller W. E. Hill Henry P. Armsby Geo. S. Baker O. S. McChesney Henry E. Alvord Jos. M. Good W. H. Wray do do Caroline Burnaby J. F. Ryder do Thos. Castor Murray J. Myers Geo. C. Moser Frank Parker Hugh M. Rowe Geo. S. Hickox A. B. Morse Lowell Clarke W. B. Niles W. E. Howe Chas. M. Day Jno. McBirney Wilton F. Crewe Rice P. Steidom W. P. Ellenberger	do	49
	Hugh M. Rowe.	do	100
	Geo. S. Hickox	do	114
	A. B. Morse	do	100 114 33
	Lowell Clarke	do	78
	W. B. Niles	do	58
	Chas M Day	do	79 57
	Jno McBirney	do	58
	Wilton F. Crewe	do	18
			72

ate.	Name.	Nature of payment.	Tota
901.			
1. 17	F. T. Dolan	Traveling expenses	\$8
18	F. T. Dolan A. G. G. Richardson	Office expenses	(
	C.O. Durfee	Traveling expenses	
	C. O. Durfee H. M. Ball W. N. D. Bird Bernhard P. Wende H. R. Ryder Jno. P. O'Leary C. H. Zink H. D. Mayne C. L. Morin F. L. Russell B. Howes G. W. Ward Chas. Cowie H. T. Potter F. M. Perry	do	17
	W. N. D. Bird	do	8
	Bernhard P. Wende	do	(
	H.R. Ryder	do	(
	Jno. P. O'Leary	do	(
	U. H. Zink	do	10
	C. I. Morin	do	19
	F. I. Russell	do	18
	R Howas	do	10
	G. W. Ward	do	18
	Chas. Cowie	do	è
	H.T. Potter	do	2
	F. M. Perry David M. Nesbit E. A. de Schweinitz	do	25
	David M. Nesbit	Office expenses	68
	E. A. de Schweinitz	Office expenses	21
	Jno. C. Parker	Stationery	6]
	Jn. C. Parker W. M. Galt & Co Edw. S. Schmid. R. P. Clarke Co	()ate	400
19	P. D. Clayles Co.	Feed Dusters	15
19	do	Cloth	12
	do A.L. Webb & Son's, Branch J. Walter Michener A. Cutler & Son	Alcohol	2
	J. Walter Michener	Alcohol Butter tub	4
	A. Cutler & Son	Furniture	30
	T. F. McGrew W. H. Wray	Services Office expenses Traveling expenses	200
	W. H. Wray	Office expenses	17
	dodo	Traveling expenses	1
	C. H. Stevens Levi P. Beechy Wm. D. Jorden J. E. Street Louis Metsker	do	80
	Levi P. Beechy	do	84
	wm.D.Jorden	Canadaaa	7.
	Louis Motelron	Traveling expenses	24 77
	do	do	- 82
	H. M. Burgess	do	60
	H. M. Burgoss. L. J. Allen Axel Kolling Iowa Telephone Co. T. I. Wilson J. T. Sullivan Cutler & Neilson Paint and Color Co. Joe. W. Timmer Frank P. Thien L. Holvalle	do	59
	Axel Kolling	Services Telephone services Pigs	103
	Iowa Telephone Co	Telephone services	10
	T. I. Wilson	Pigs	66
	J.T. Sullivan	Coal	
	Cutier & Nellson Paint and Color Co	Thinner	
	Fronk D Thion	Tron garoon	10
	J Haberle	Supplies	10
	J. Haberle A. P. Little	Pigs Coal Thinner Supplies Iron screen Supplies do Clock	1
	F. H. Lovell & Co	Clock	
	The Bridgewater Hills Creamery Co	Butter]
	C.F. Braisted	Pencils]
21	J. Haberle A. P. Little F. H. Lovell & Co The Bridgewater Hills Creamery Co C. F. Braisted C. W. Zink Withall, Tatum & Co	Butter Pencils Horse and buggy hire	120
	Withall, Tatum & Co	Beakers Office rent Telephone rent	14 31
	N. R. Gill The Bell Telephone Co., of Buffalo Bausch & Lomb Optical Co J. Stikeman	Tolophone ment	12
	Rausch & Lomb Ontical Co	Flasks, etc	1,
	J. Stikeman	Office rent	12
	J. Stikeman Bay State Clean Towel Co Chas. A. Schaufler Library Bureau	Towel supply	12
	Chas. A. Schaufler	Keep of horse	60
	Library Bureau	Book dummies	52
	Library Bureau New England Telephone and Telegraph Co- The Bell Telephone Co., of Philadelphia	Telephone rent	52
	The Bell Telephone Co., of Philadelphia	Flasks, etc Office rent Towel supply Keep of horse Book dummies Telephone rent do Office rent do do do do do Eelt Eelt	4]
	B. H. Adams et al.	Omce rent	120 30 90
	B. H. Adams et al. Belt Railroad and Stock Yards Co. The East Buffalo Live Stock Exchange Co.	do	90
	American Felt Co		4
	American Felt Co H. W. Hawley		25 37
	do	Horse and buggy	37
	O.E.Dyson		18
	O. E. Dyson S. W. Burt O. W. Snyder Jno. Forbes Samuel E. Cosford	do	18 18 20
	O. W. Snyder	Keep of horse	20
	Jno. Forbes	Tri-do	45
	Samuel E. Cosford	Keep of horse do Hire horse and buggy	20 33
	A. E. Behnke Thos. A. Bray	Saddle-horse hire	72
	Chas Keana	Hire horse and buggy	25
	Jas. W. Davis	Hire horse and buggydoPainting room, etc	18
	W. V. Davies	Painting room, etc	84
	Chas. Keane Jas. W. Davis W. V. Davies J. W. Roberts	P128	38
	Don. C. Ayer The Geo. W. Knox Express Co	Saddle horse	18
22			1

Date.	Name.	Nature of payment.	Tota
.901.			
n. 22	Merchants Parcel Delivery Co The Chesapeake and Potomac Telephone Co	Hauling Telephone rent Moving telephone Desk Traveling expenses	\$ 19
	The Chesapeake and Potomac Telephone Co	Telephone rent	19
	W B Moses & Sons	Moving telephone	25
	do W. B. Moses & Sons Mary Connolly Wm. Thompson Mary Giblin	Traveling expenses	20
	Wm. Thompson	Office expenses Traveling expenses	
23	Mary K. Giblin	Traveling expenses	56
20	Wm. Thompson Mary K. Giblin Goes Lithographing Co The Consumers Co.	Ice	2
	Gehan & Byrne Union Stock Yard and Transit Co Office Toilet Supply Co Chicago Telephone Co Fort Wayne Coal Co A Bauman, jr A E. Behnke	Ice Office rent	67
	Union Stock Yard and Transit Co	do	22 15
	Chicago Telephone Co	Towel service Telephone service Coal	43
	Fort Wayne Coal Co	Coal	3:
	A. Bauman, jr	Hire horse and buggy Office expenses	3
		Telephone service	1
	Nebraska Telephone Co	Telephone service	13
	Frontier Towel Supply Co	Towel service	1
	Lows Telephone Co	Telephone service	30
	Silver Laundry and Towel Co	Office rent Telephone service Towel service	10
	.G. W. Tourtellott	Office rent Telephone rent	13:
	Armour Packing Co.	Telephone rent	1:
	St. Louis National Stock Yards	Office rentdo	5
	Central Union Telephone Co Nebraska Telephone Co Frontier Towel Supply Co Bourbon Stock Yard Co Iowa Telephone Co Silver Laundry and Towel Co G. W. Tourtellott Armour Packing Co Kansas City Stock Yards Co. of Mo St. Louis National Stock Yards. Richards & Conover Hardware Co do	Padlocks Cutter and plyers Telephone rent Office rent	1.
	do Missouri and Kansas Telephone Co St. Joseph Stock Yards Co. Page County Bank do J. A. Turner Co. H. A. Hedrick Geo. C. Faville do Jas. M. Codman	Cutter and plyers	1
	St Joseph Stock Yards Co	Office rent.	9
	Page County Bank	do	1
	do	dodo	3
	J. A. Turner ('0	Office expenses	3
	Geo. C. Faville	do	1
	do	do	9
24	Jas. M. Codman.	Office rent Sweet potatces	9
%±	Jas. M. Codman. Eastern Shore of Va. Produce Exchange A. Wilson Bro W. M. Galt & Co	Cabbage	20
	W. M. Galt & Co.	Cabbage Feed for animals	20
	Jas. S. Topham Asbestos Paper Co W. S. Cass		1
	W S Cass	Asbestos paper Horse feed Use saddle horse	10
		Use saddle horse	25
	A. G. G. Richardson H. F. Miller & Son International Office Toilet Supply Co	Use norse and buggy, etc.	38
	International Office Toilet Supply Co	Ink Towel service	1:
		Traveling expenses	- 1
	A. F. Martins R. A. Ramsay	do	1
	K. A. Kamsay	do	2
	W. S. Cass	Office expenses.	9
	Wargaret Burke W. S. Cass O. E. Dyson F. T. Shannon	do	1-
	F. T. Shannon Inline Huelson	do	1-
1	H. N. Waller	do	
	do	do	(
	A. G. G. Picherdson	do	(
	Ephraim Dietrich	do	2
25	F. T. Shannon Julius Huelson H. N. Waller do Hiram Jerome A. G. G. Richardson Ephraim Dietrich N. C. Sorensen Jas. S. Kelley Don C. Ayer Wm. Thompson Fredk. Braginton M. S. Lantz Frank Parker J. O. Jacobs Robt. H. Treacy	do	2
	Jas. S. Kelley	do	
	Wm. Thompson	do.	10
	Fredk. Braginton	do	10
	M.S. Lantz	Traveling expenses	47
	I O Jacobs	do	32 82
1	Robt. H. Treacy	do	44
	Raymond Johnson	do	16
1	Jno. McBirney	Office expenses	5
	W. H. Rose	do	16 24
	T. A. Shipley	do	10
	Boyd Baldwin	do	10 2 18
26	J. O. Jacobs Robt. H. Treacy Raymond Johnson Jno. McBirney Thos J. Turner W. H. Rose T. A. Shipley Boyd Baldwin Chas. M. Day E. C. Schroeder Jno. R. Mohler Denison Manufacturing Co Chicago Car Seal and Manufacturing Co	do	18
20	Jno. R. Mohler	Traveling expenses	37 7
		on position	0.

Date.	Name.	Nature of payment.	Total.
1901.			
an. 28	Frank D. Ketchum Jno. Forbes E. N. Hutchinson Joshua Miller Louis K. Green do A. J. Payne D. Cumming Frank C. Eells C. F. Palmer	Office expensesdo	\$4. 2. 5.
	Jno. Forbes	do	2.
	Joshua Millor	do	9.
	Louis K. Green	Traveling expenses	3. 7. 3.
	do	Office expenses	3.
	A. J. Payne	do	5. 4. 57.
	D. Cumming	do	4.
	D. Cumming Frank C. Eells C. F. Palmer Thos Redmond The Fredk. C. Gross & Bros. Co. Mary L. Burke Armstrong Steam Laundry Wm. F. Lavery W. C. Siegmund Burton R. Rogers Geo. Jobson C. W. Stiles W. E. Pratt Mackall Bros E. Burgdorf Fred. Springman New York Telephone Co. A. G. Richardson Chas. A. Schaufler Laura S. Ropiequet Marion Dorset et al. Jas. W. Wilson United States Envelope Co. Coons & Cole Elastic Tip Co. C. S. Braisted Miller Lock Co. Whitall, Tatum & Co. S. P. Johnson A. Wilson & Bro R. W. Hickman A. D. Melvin	Traveling expenses do do do flice rent Traveling expenses Laundrying Traveling expenses Services do Traveling expenses	30.
	Thos. Redmond	do	3.
	The Fredk. C. Gross & Bros. Co	Office rent	3. 51. 22.
	Mary L. Burke	Traveling expenses	22
	Armstrong Steam Laundry	Laundrying	2
	W.C. Siegmund	Services	29
	Burton R. Rogers	do	2
	Geo. Jobson	Traveling expenses Office expenses Hog rings Chemicals	13
	C. W. Stiles	Office expenses	13 1 14 9
29	W. E. Pratt	Hog rings	14
20	E Rurgdorf	Hire horse and buggy	$\frac{9}{34}$
30	Fred. Springman	Transportation	01
	New York Telephone Co	Rent of telephone	26
	A. G. G. Richardson	Office expenses	23
	Chas. A. Schaufler	Transportation Rent of telephone Office expenses do Traveling expenses Solarios	43
31	Marion Dorset et al	Salaries expenses	26 23 43 16 3, 204 8 9 8 7 2 3 7 125
eb. 1	Jas. W. Wilson	Salaries Traveling expenses Envelopes Potatoes	8,201
	United States Envelope Co	Envelopes	9
	Coons & Cole	Potatoes	8
	Elastic Tip Co	Supplies Pencils Keys, etc	7
	Willer Lock Co	Vave ate	3
	Whitall, Tatum & Co	Flasks	7
	S. P. Johnson	Typewriters	125
	A. Wilson & Bro	Rock salt	9
	R. W. Hickman	Traveling expenses	20
2	A. D. Melvin Louis Hartig Houghton & Delano	Keys, etc Flasks Typewriters Rock salt Traveling expensesdo Hardware Kodak, etc Calf	23
~	Houghton & Delano	Kodak etc	27
	C. T. Kent	Calf	б
	T. Kent	do	23
-	P. E. Crowl Co	Stamp, rubber	64
5	A. G. G. Richardson	Use norse and buggy	38
	D. E. Salmon	Traveling expenses	9
	J. Wm. Fink	Services	103
6	The Rio Grande Western Rwy. Co	Passenger transportation	42
	Great Northern Rwy	do	38 38 9 103 42 8
	Norfolk and Wostorn Pwy Co.	do	6
	Oregon Short Line R. R. Co	do	18
	do D. E. Salmon J. Wm. Fink The Rio Grande Western Rwy. Co Great Northern Rwy Atlanta, Knoxville and Northern Rwy. Co Norfolk and Western Rwy. Co Oregon Short Line R. R. Co Chicago and Northwestern Rwy. Co Galveston, Harrisburg and San Antonio Rwy. Co.	do	18 11 15
	Galveston, Harrisburg and San Antonio	do	15
	Rwy. Co.	3	15
	Galveston, Harrisburg and San Antonio Rwy. Co. do The Chesapeake and Ohio Rwy. Co Baltimore and Ohio R. R. Co Southern Rwy. Co Jas. Johnson et al Jos. M. Good Rice P. Steddom. Fredk. W. Hopkins W. P. Ellenberger Fredk Dolan Jos. M. Turner W. M. Foster E. P. Schaffter et al. E. T. Davison et al W. B. Lincoln et al W. B. Lincoln et al Ledw. P. Dond et al. do Nathan K. Fegley W. A. Rose et al W. H. Rose A. G. G. Richardson et all Julius Huelsen et al. Jos. Jos. Jos. Jos. Jos. Jos. Jos. Jos	do	10
	Baltimore and Ohio R. R. Co	do	15 3 28
	Southern Rwy.Co.	do	1
	Jas. Johnson et al	Salaries	1,448
Per	Jos. M. Good	Services	103
7	Fredk W Honkins	do	1,448 103 137 120
	W. P. Ellenberger	do	103
	Fredk. Dolan	do	103
	Jos. M. Turner	do	103 103 77 62
	W. M. Foster	do	62
	E. P. Schaffter et al.	Salaries	500 182 182
	Fredk Braginton et al	do	182
	W. B. Lincoln et al.	do	165 182
	Edw. P. Dond et al	do	182
	do	Office expenses	
	Nathan K. Fegley	Colonics	961
	Nathan K Feeley et al	do	182
	W. H. Rose	Traveling expenses	182 3 823 687

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY-SALARIES AND EXPENSES-Continued.

G. C. Paville et al.	Date.	Name.	Nature of payment.	Total.
F. W. Huntington et al.	1901.			
F. W. Ainsworth et al	Feb. 7	H. A. Hedrick et al	Salaries	\$489.10
F. W. Ainsworth et al		G. C. Faville et al	do	285.90
F. W. Ainsworth et al		F. W. Huntington et al	do	157.30
F. W. Ainsworth et al	Q	Albort Door	Office ownerses	0.10
F. W. Ainsworth et al	0	Albert Dean et al	Salaries	619 90
F. W. Ainsworth et al		Harry B. Adair	Services	120.60
F. W. Ainsworth et al		Thos. Castor	do	120, 60
F. W. Ainsworth et al		Peter I. Kershner	do	120,60
F. W. Ainsworth et al		Harry D. Paxson	do	120, 60
F. W. Ainsworth et al		Thos. A. Bray	do	120.60
F. W. Ainsworth et al		L.J. Allen	do	120.60
F. W. Ainsworth et al		W. E. Hill	do	103. 80
F. W. Ainsworth et al		Wm C Show	do	100.00
F. W. Ainsworth et al		Wm. D. Jorden	do	103.30
F. W. Ainsworth et al		Louis Metsker	do	103.30
F. W. Ainsworth et al		Chas. E. Steel	do	103.30
F. W. Ainsworth et al		R. J. Blanche	do	103.30
F. W. Ainsworth et al		H. M. Burgess	do	103.30
F. W. Ainsworth et al		Raymond Johnson	do	162.30
F. W. Ainsworth et al		Murray J. Myers	do	103.30
F. W. Ainsworth et al		Munroe B. Miller	00	103. 30
F. W. Ainsworth et al		Dan McCunningham	do	96 65
F. W. Ainsworth et al		do	do	
F. W. Ainsworth et al		W. S. Cass et al	Salaries	1. 205. 40
B. Howes		F. W. Ainsworth et al	do	324.60
B. Howes		Chas. M. Day.	Services	120 60
B. Howes		Geo. S. Hickox	do	103.30
B. Howes		Robt. H. Treacy	do	103.30
B. Howes		Hugh M. Rowe	do	103.30
B. Howes		R. A. Ramsay	do	101.10
B. Howes		F. W. Alnsworth	Office owners	9. 90
B. Howes		H D Mayna	Sarvices	102 20
B. Howes		Jno A Bell	do	8.00
C. L. Morin do		B. Howes	do	103.30
D. Cumming Salaries 182.6		C. L. Morin	do	24.00
W. J. Murphy et al		D. Cumming	do	80.00
11 Eimer & Amend Muffles 5.5		W. J. Murphy et al	Salaries	182.60
11 Eimer & Aimend Muffles 5.5	9	Niels C. Sorensen et al	do	2,008.57
11 Eimer & Aimend Muffles 5.5		Saml. E. Cosford et al.	do	182.60
11 Eimer & Aimend Muffles 5.5		M. O. Anderson et al.	do	103.30
11 Eimer & Aimend Muffles 5.5 Whitall, Tatum & Co Flasks 1.7 A. Wilson & Bro Cabbage 15.2 M. Du Perow Lamps 6.5 M. Du Perow Lamps 1.5 M. Du Pe		W C Barth at al	do	108 16
11 Eimer & Aimend Muffles 5.5 Whitall, Tatum & Co Flasks 1.7 A. Wilson & Bro Cabbage 15.2 M. Du Perow Lamps 6.5 M. Du Perow Lamps 1.5 M. Du Pe		Frank D. Ketchum et al	do	814.89
11 Eimer & Aimend Muffles 5.5		T. J. Turner et al.	do	529. 70
11 Eimer & Aimend Muffles 5.5 Whitall, Tatum & Co Flasks 1.7 A. Wilson & Bro Cabbage 15.2 M. Du Perow Lamps 6.5 M. Du Perow Lamps 1.5 M. Du Pe		T. A. Shipley	do	337.60
11 Eimer & Aimend Muffles 5.5		L. K. Greene	dodo	182.60
11 Eimer & Amend Muffles 5.5		Joshua Miller	do	260.10
A. Wilson & Bro Cabbage 15.2 M. Du Perow Lamps 6.5	11	Jas. S. Kelly	do	244.60
A. Wilson & Bro Cabbage 15.2 M. Du Perow Lamps 6.5	11	Whitell Cotum & Co	Mumes	5.5a
Wm. Lochte		A Wilson & Ruo		15 95
Wm. Lochte				6.50
Allen A. Holcombe Services 120.6		do	do	6.50
Allen A. Holcombe Services 120.6		Wm. Lochte	Shoeing horses, etc.	10.2
Chicago and Northwestern Rwy. Co. Transportation. 5.8		American Ice Co	Ice	14.89
Chicago and Northwestern Rwy. Co. Transportation. 5.8		'Allen A. Holcombe	Services	
Chicago and Northwestern Rwy. Co. Transportation. 5.8		Chas. H. Stevens	do	120.60
Chicago and Northwestern Rwy. Co. Transportation 5.8		A. J. Pistor	do	103.30
Chicago and Northwestern Rwy. Co. Transportation. 5.8		Walter E. Howe	do	103.30
Chicago, Burlington and Quincy R. R. Co		Chicago and Northwestern Rwy Co	Transportation	5 80
Chicago, Burlington and Quincy R. R. Co		do	do	96
Chicago, Burlington and Quincy R. R. Co		do	do	. 2
Chicago, Burlington and Quincy R. R. Co		Chicago, Indianapolis and Louisville Rwv.	do	. 26
do		Co.		
CO.		Chicago, Burlington and Quincy R. R. Co.	do	1.69
CO.		Wise and David a David C	do	. 25
CO.		Lake Shove and Michigan Conthany D	do	
Hanny E Overetweet				. 40
do		Hanny E Organotnost	do	1.49
dodo		do	do	. 96
dodo		do	do -:	.24
C.A. Schaufler et al. Salaries 840.6		do	do	.70
		C. A. Schaufler et al	Salaries	840.60 1,091.80

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

Date.	Name.	Nature of payment.	To
1901.			
b. 11	Chas. H. Zink et al.	Salaries	\$3
	Ernest L. Volgenau	Office expenses	
	Ernest L. Volgenau	Services	
	F. M. Perry New York Telephone Co. Levi P. Beechy Lowell Clarke	doTelephone servicesServices	
12	Lovi P Boochy	Sarvices	
1.0	Lowell Clarke	do	
	W. S. Devoe L. Enos Day et al	Salaries	3
	L. Enos Day et al.	Salaries	
	Chas. Keane et al	do	
	Chas Keane et al fra K Atherton et al O. W. Snyder Frank C. Eells	do	
	O. W. Snyder	Servicesdo	
	Jno. F. Deadman	do	-
	Arthur B. Morse M. S. Lantz	do	
	M. S. Lantz	do	
	Ino Malinnon	do	
	O.B. Hess et al.	Salaries	
	O. B. Hess et al. W. J. Stewart et al. A. E. Behnke et al	do	1,
	A. E. Bennke et al	010	1,
	Lewis R Baker et al	do	
	Geo. S. Baker et al.	do	
	A. J. Bellinke et al. A. J. Payne et al. Lewis R. Baker et al. Geo. S. Eaker et al. F. T. Shannon et al. F. T. Shannon et al. R. W. Tuck et al. The Chesapeake and Potomac Telephone Co Barber & Ross	do	
	R. W. Tuck et al	do	
	The Chesapeake and Potomac Telephone Co	Telephone rent	
10	Frank Parker	Services	
13	Frank Parker G. W. Ward Chas, Cowie E. A. de Schweinitz Victor A. Norgaard Sarah A. Riley Robt, A. Ramsay C. N. Hutchinson et al	servicesdo	
	Chas Cowie	do	
	E. A. de Schweinitz	do Office expenses Traveling expenses	
	Victor A. Norgaard	Traveling expenses	
14	Sarah A. Riley	Servicesdo	
	Robt. A. Ramsay	do	
	C. N. Hutchinson et al.	Salaries do	1
	Wm. Thompson et al. J. Otis Jacobs John Forbes et al.	Services	1,
	J. Otts Jacobs	Salarice	6)
	Jas J Brougham	Salaries Office expenses	~,
	Jas. J. Brougham Jas. J. Brougham et al S. E. Bennett et al	Salaries	2, 6,
	S. E. Bennett et al	Salariesdo	6,
	W.B. Niles et al	do	
	Saml. G. Hendren	Services	2,
	W. B. Niles et al Saml. G. Hendren H. N. Waller et al R. P. Clarke Co	Salaries Towels	2,
	C Rocker	Buckets	
15	C. Becker Don. C. Ayer et al B. S. Paddock et al	Salaries	4,
10	B. S. Paddock et al	Salariesdo	-,
	Wm. C. Honan	Traveling expenses	
16	E. W. Barthold et al	Salaries	2, 5 6, 5
	Morris Wooden et al	Salaries do Services	6,
	Caroline Burnapy	Services	.,.
	W.H. Wray	Travelingevnenege	
	Wm. C. Honan E. W. Barthold et al Morris Wooden et al Caroline Burnaby W. H. Wray do T. A. Geddes G. W. Ward O. E. Dyson et al Herman Busman et al A. R. Wake et al	do Traveling expenses Office expenses	
	T. A. Geddes	Services	1
	G. W. Ward	Services Traveling expenses Salaries	8,1
18	O. E. Dyson et al	Salaries	8,1
	Herman Busman et al	do	1, 2
	A. R. Wake et al. Boyd Baldwin et al. J. F. Ryder.	do	1,
	I F Rydor	do Services Trayeling expenses	1
	dodo	Traveling expenses	
	F. M. Perry	do	
	R.P. Steddom	do	
	W. P. Ellenberger	do	
	W. M. Foster	Office expenses	
1.0	M.O. Anderson	do do	
1 {	do F. M. Perry F. M. Perry R. P. Steddom W. P. Ellenberger W. M. Foster Frederick T. Dolan M. O. Anderson T. Byron Cracroft M. S. Lautz Geo. S. Baker Frank Parker Robt. H. Treacy Walter E. Howe Allen A. Holcombe Levi P. Beechy	do ,	
	M. S. Lantz	do	
	Geo, S. Baker	do	
	Frank Parker	do	
	Robt. H. Treacy	do	
	Walter E. Howe	do	
	Allen A. Holcombe	00	
	Levi P. Beechy J. Otis Jacobs C. M. Day Bausch & Lomb Optical Co.	do	
	C.M. Doy	do	

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

ate.	Name.	Nature of payment.	Total.
01.	Rochester Optical and Camera Co- Defur & Co. Chas. Cowie Danl. S. Hays. H. D. Mayne Wm. D. Jorden Albert Dean Thos. Castor Dan. McCunningham Louis Metsker Peter I. Kershner Howard M. Burgess Murray J. Myers Harry D. Paxson Chas. E. Steel H. L. McDonald Thos. A. Bray. A. M. Rork M. B. Miller W. E. Hill R. J. Blanche	4	
. 19	Rochester Optical and Camera Co	Supplies	\$9.
	Defur & Co	Cages	34. 3.
	Danl S Havs	do	14.
	H. D. Mayne	do	8.
	Wm. D. Jorden	do	8. 74.
	Albert Dean	do	35.
	Thos. Castor	do	39. 32.
	Louis Metsker	do	88.
	Peter I. Kershner	do	3.
	Howard M. Burgess	do	3. 37. 33.
	Murray J. Myers	do	33.
	Harry D. Paxson	do	5.1 18.
	H L McDonald	do	25
	Thos. A. Bray	do	25. 17.
	A. M. Rork	do	10.
	M. B. Miller	do	9.
	W.E.Hill	do	2. 7.
	Wro C Show	do	74.
	W. E. Hill R. J. Blanche Wm. G. Shawdo Frank C. Eells Hugh M. Rowe A. J. Pistor W. B. Niles S. R. Burch Chas. H. Stovens R. A. Ramsay Geo. S. Hickox L. J. Allen	do	58.
	Frank C. Eells	do	58. 57.
	Hugh M. Rowe	do	101.
	A. J. Pistor	do	2. 53.
20	W.B.Niles	do	99. 29
20	Chas. H. Stevens	do	32. 116.
	R. A. Ramsay	do	4.
	Geo. S. Hickox	do	79.
	L. J. Allen	do	63.
	Lowell Clarke	00	74. 5.
	Lowell Clarke E. C. Schroeder W. S. Cass	do do do Office expenses Feeding horses Hire of horse, etc Keeping horse Hire horse and buggy do Hire team Hire horse and buggy do do	10.
	S. E. Bennett	Hire of horse, etc.	23.
	O. W. Snyder	Keeping horse	20.
	S. E. Bennett O. W. Snyder A. Bauman E. Burgdorf	Hire horse and buggy	20.
	E. Burgdorf	Tive team	21. 35.
	W C Williams	Hire horse and huggy	33. 11.
	Chas. Keane	do	25
	Saml. E. Cosford	do	20.
	Don C. Ayer	do Hire horse Hire horse and buggy	1ā.
	E. Burgdoff do W. C. Williams Chas Keane Saml. E. Cosford Don C. Ayer Jas. W. Davis A. F. Bebyek	Hire horse and buggy	18. 35.
	A. E. Behnke J. S. Stott The Waterloo Furniture and Carpet Co Waughler Bros		3.
	The Waterloo Furniture and Carpet Co	Chairs, etc	8.
	Waughler Bros	Copy press	4.
01	Edw. S. Schmid D. Frank Parker W. B. Moses & Sons	Prepared feed	17. 9.
21	W. B. Mosos & Sons	Mimeograph supplies	17.
	J Baumgarten & Sons	Stanciling plates	3,
	Wagner Typewriter Co	Typewriters	125.
	W. B. Moses & Sons J. Baumgarten & Sons Wagner Typewriter Co Capital Traction Co W. M. Galt & Co St. Louis National Stock Yards Fort Wayne Coal Co Hiram W. Hawley do	Ink Chairs, etc Copy press Prepared feed Mimeograph supplies Chairs. Stenciling plates Typewriters Car tickets Feed for animals Office rent	10.
	W. M. Galt & Co	Feed for animals	276.
	Fort Wayne Coal Co	Office rent	50.
	Hiram W. Hawley	Hire horse and buggy	16. 23.
	Union Stock Yards and Transit Co.	Coal Hire horse and buggy Hire horse and wagon	39.
	Union Stock Yards and Transit Co	Electric current.	4.
	A. P. Little	Mucilage	4.
	S. W. Burt.	Hire saddle horse	15.
	O. E. Dyson	Hire saddle horse	3. 15.
	Wyckoff, Seamans & Benedict	Paper.etc	3.
	J. Haberle	Repairs to lock boxes.	3.
	Raymond Johnson	Traveling expenses	32.
	W. S. Cass	Office expenses	2. 3.
	Boyd Baldwin	do	3. 5.
	Don C. Aver	do	1.
	S. W. Burt Stock Yand Paint Co. O. E. Dyson. Wyckoff, Seamans & Benedict J. Haberle Raymond Johnson W. S. Cass L. Enos Day Boyd Baldwin Don C. Ayer O. W. Kurtz	Meals and lodging and hire of	1. 15.
	Valley Paper Co	team, etc. Map paper	32.
	Julius Huelsen	Office expenses.	5.
	Valley Paper Co Julius Huelsen Fredk, W. Ainsworth	Office expenses	5. 4.
	C. L. Morin H. T. Potter A. G. G. Richardson	Traveling expenses	6.
	H. T. Potter	Services Office expenses	3. 6.

Date.	Name.	Nature of payment.	Total.
1901.			
eb. 23	Postal Telegraph-Cable Co	Telegraph service	\$17.6 50.7 73.2
	W. S. Devoe W. B. Niles Saml. G. Hendren	Traveling expenses	50.7
	Saml G. Hendren	Traveling expenses	30.5
	do W. H. Rose C. W. Stiles. Arthur Sherman The A. H. Andrews Co. W. E. Pratt. Houghton & Delano Western Union Telegraph Co. Wyckoff, Seamans & Benedict United States Electric Lighting Co. Washington Gaslight Co. Rudolph, West & Co. Thos. Redmond. Chicago, Rock Island and Pacific Rwy. Co. Star Union Line. Illinois Central R. R. Co. Boston and Maine R. R. Co. Southern Rwy. Co. The Lake Shore and Michigan Southern Rwy. Co.	Office expenses Traveling expenses Office expenses	30. 5 8. 5
2	W. H. Rose	do	30. 7 69. 1
25 26	C. W. Stiles	Traveling expenses	69. 1
20	The A. H. Andrews Co.	Furniture	9. 7 30. 5
	W. E. Pratt	Hog rings, etc	15.6 3.8 2.1
	Houghton & Delano	Prints	3.8
	Wyckoff Seemans & Renedict	Renairs to typewriter	2. 1
	United States Electric Lighting Co	Electric current	17. 8 33. 7 4. 8
	Washington Gaslight Co	Gas	33.7
	Thes Redmond	Hammers, etc	29 (
27	Chicago, Rock Island and Pacific Rwy, Co.	Passenger transportation	12.
	Star Union Line	do	38.0 12.3 1.3
	Illinois Central R. R. Co	do	4.5
	Southern Rwy Co	do	1.0
	The Lake Shore and Michigan Southern	do	39.2 10.0
	Rwy. Co.	_	
	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation	7.8 135.6
28	Chicago, Milwaukee and St. Paul Rwy. Co. Adams Express Co. United States Envelope Co	Transportation Envelopes	12.8
140	do	do	1.
	J. P. Nawrath Marion Dorset et al		14.0
Mar. 2	Marion Dorset et al	Salaries Hay and straw Photographic reproductions Photographs for annual report. Rubber stamp holders	1 908
mar. a	Leo Baum	Photographic reproductions	7. (
	do	Photographs for annual report.	1.5
	A. Wilson & Bro. Leo Baum. do The Elastic Tip Co Dennison Manufacturing Co	Rubber stamp holders	26.
	Dennison Manufacturing Co	Tags	9.8
	do	Tags do do Salaries Services	264.0
7	H.N. Waller et al	Salaries	1.7 14.0 3,041.7 1,908.9 7.0 1.5 26.0 9.5 264.0 2,442.7 93.4 108.8
8	J. Wm. Fink	Services	108
O	D. Cumming	do	70.
	Tooie A. Geddes	do	155.
	H.D. Mayne	Colonia	93. 759.
	Jas. Johnston et al	do	1,361.
	Julius Huelsen et al	do	620. 127. 164.
	Saml. G. Hendren et al.	do	127.
	H. A. Hedrick et al	do	441.
	N. K. Fegley et al	do	164.
	F. W. Huntington et al	do	141. 919.
9	W. H. Kose et al	Sarvices	77.
· ·	A. J. Pistor	dodo	93.
	M. O. Anderson	do	93.
	R. A. Ramsay	do	93.
	Allen A Holcombe	do	93. 108.
	Orrin W. Snyder	do	108.
	A.J. Payne et al.	Salaries	752.
	Albert Dean et al	Conviose	752. 466. 108.
	L. J. Allen	do	108.
	Thos. Castor	do	108.
	Peter I. Kershner	do	108.
	A M Rork	do	108. 108. 108. 108. 108. 108.
	The Elastic Tip Co Dennison Manufacturing Co do do do H. N. Waller et al J. Wm. Fink E. L. Volgenau D. Cumming Tooie A. Geddes H. D. Mayne A. G. G. Richardson et al Jas. Johnston et al Julius Huelsen et al Saml. G. Hendren et al E. P. Dowd et al H. A. Hedrick et al N. K. Fegley et al F. W. Huntington et al Jas. Irwin A. J. Pistor M. O. Anderson R. A. Ramsay Geo. S. Hickox Allen A. Holcombe Orrin W. Snyder A. J. Payne et al Albert Dean et al Albert Dean et al Harry D. Paxson L. J. Allen Thos. Castor Peter I. Kershner H. B. Adair A. M. Rork Thos. A. Bray H. B. Miller R. Johnson W. D. Jorden H. M. Burgoss M. J. Myers Geo. C. Moser Dan. McCunningham W. E. Hill Chas. E. Steel Wm. G. Shaw R. J. Blanche Harry L. McDonald	do	108.
	H. B. Miller	do	93.
	R. Johnson	do	93.
	H. M. Burgess	do	93. 93.
	M. J. Myers	do	93.
	Geo. C. Moser	do	93.
	Dan. McCunningham	do	93. 93.
	W.E. HIII Chas E Steel	do	93. 93.
	Wm. (4. Shaw	do	93. 93. 70.

ite.	Name.	Nature of payment.	Total.
01.			
. 9	Fredk. Braginton et al. E. P. Schaffter et al. C. M. Day	Salaries	\$164. 447. 108.
	E. P. Schaffter et al	do	447.
	C. M. Day	Services	108.
	do	Office expenses	13.
	Chas. H. Stevens	Services	108. 124.
	R. P. Steddom	do	108.
	W D Fllonborgor	do	03
	Fredk T Dolan	do	93. 93. 70.
	Jas. W. Turner	do	70.
	Walter M. Foster	do	56.
	Goes Lithographing Co	Meat-inspection stamps	588.
11	F. W. Ainsworth et al	Salaries	286.
	T. A. Shipley et al	do	304.
	L. E. Day et al	do	164.
	S. E. Costora et al	do	164. 117. 178.
	E T Deviser et al	do	178
	E. T. Day Ison et al	do	268
	Geo Ditewig et al	do	268. 248.
	T.J. Turner et al.	do	581.
	J. J. Brougham et al	do	2,028.
	Boyd Baldwin et al	do	580
	Jos. M. Good	Traveling expenses	24.
	Jos. M. Good et al	Salaries	24. 113. 93.
	E. P. Schaffter et al C. M. Day do Chas. H. Stevens R. P. Steddom Fredk. W. Hopkins W. P. Ellenberger Fredk. T. Dolan Jas. W. Turner Walter M. Foster Goes Lithographing Co F. W. Ainsworth et al T. A. Shipley et al L. E. Day et al S. E. Cosford et al Willis P. Lincoln et al E. T. Davison et al E. N. Hutchinson et al Geo. Ditewig et al T. J. Turner et al J. J. Brougham et al Boyd Baldwin et al Jos. M. Good Jos. M. Good Jos. M. Good Jos. M. Good Con	Services	93.
	H. J. Washburn R. A. Pearson C. H. Zink et al C. A. Schauffer et al Geo. C. Faville et al F. L. Russell Benj. Howes F. M. Pearsy	Traveling expenses	41.
12	C H Zink et el	Solorios	179. 1,657.
2.0	C. A. Schauffer et al	Salariesdo	768
	Geo C Faville et al	do	258. 16. 108.
	F. L. Bussell	Services	16.
	Beni, Howes	do	108.
	F. M. Perry		108.
	Henry P. Armsby et al	Salaries	166.
	W.J. Murphy et al	Traveling expenses	164. 112.
	Henry P. Armsby et al. W. J. Murphy et al. Tooie A, Geddes The Franklin County Creamery Associa-	Traveling expenses	112.
	tion.	Butter	46.
	tion. Joshna Miller et al Ira K. Atherton et al Jas. S. Kelly et al Louis K. Green et al W. C. Barth et al Frank D. Ketchum et al W. S. Cass et al Albert E. Behnke et al S. E. Bennett et al Lewis R. Baker et al O. B. Hess et al	Salaries	234.
	Ira K. Atherton et al	do	168.
	Jas. S. Kelly et al	do	164.
	Louis K. Green et al	do	164.
	W. C. Barth et al	do	413.
	Frank D. Ketchum et al	do	741.
	W. S. Cass et al	do	1, 031. 1, 080. 5, 634.
	Albert E. Bennke et al	do	1,080.
	Lowis P. Relzon et el	do	5, 054. 852.
	O R Hose of al	do	164.
	Chas. Keane et al	do	360.
	Lewis R. Baker et al O. B. Hess et al O. B. Hess et al Chas. Keane et al Geo. S. Baker et al E. A. de Schweinitz Henry E. Alvord R. A. Pearson O. E. Dyson et al W. B. Niles et al Jno. Forbes et al Don C. Ayer et al Chas. Cowie. C. L. Morin	do	396
	E. A. de Schweinitz	Office expenses	29.
	Henry E. Alvord	Traveling expenses	102.
10	R. A. Pearson	do	29. 102. 2. 8,309.
13	O. E. Dyson et al.	Salaries	8,309.
	W.B. Niles et al	do	198. 2,282.
	Jno. Forbes et al	do	2,282.
	Chas Cowio	Convious	4, 434. 60.
	C. L. Morin	Servicesdo	91
	Edwd R Markham	Hore	21. 90. 132.
	Edwd. B. Markham C. Wardell Styles Merchants' Refrigerating Co.	Hogs Traveling expenses Transportation	132
	Merchants' Refrigerating Co	Transportation	429.
	Jno. C. Parker	Stationery	077
14	Benj. S. Paddock et al	Salaries	219.
	Edwin W. Barthold et al	do	1,848.
	Morris Wooden et al	do	5, 768.
	Albert E. Behnke et al	do	1,399.
	N. C. Sonongon of al	do	255. 219. 1,848. 5,768. 1,399. 424. 1,746.
	S Vann Sons & Co	Maglin	1,746.
	P. Conton Pollontune	Pone oto	1.
		1 cus, etc	00.
15	Johnson Electric Service Co	Machaniaal mianagaana ctama	ジ ろ
15	Johnson Electric Service Co	Mechanical microscope stage	20.
15	Johnson Electric Service Co. C. H. Bridges Frank Parker	Mechanical microscope stage Services	25. 15.
15	Merchants' Refrigerating Co. Jno. C. Parker Benj. S. Paddock et al. Edwin W. Barthold et al. Morris Wooden et al. Albert E. Belnike et al. R. W. Tuck et al. N. C. Sorensen et al. S. Kann, Sons & Co. R. Carter Ballantyne Johnson Electric Service Co. C. H. Bridges Frank Parker M. S. Lantz H. M. Rowe L. P. Beechy	Mechanical microscope stage Services do	20.

te.	Name.	Nature of payment.	Total
01.			
. 15	Jno. McBirney W. S. Devoe Walter E. Howe	Services	\$124
	W. S. Devoe	do	\$124 175
	Walter E. Howe	do	93
	Walter E. Howe J. Otis Jacobs R. H. Treacy Frank E. Eells Jno. McBirney F. T. Shannon et al W. H. Gibbs et al	do	93 93
	Frank W Folls	do	93
	Ino McRirney	do Traveling expenses Salaries	105
	F. T. Shannon et al	Salaries	205
	W. H. Gibbs et al	Office expenses	93 105 205 32
16	W. O. DOSE	Omice expenses	1 22
	Julius Huelsen Nathan K. Fegley	do	5
	Nathan K. Fegley	do	
	Natnan K. Fegley do J. F. Ryder do G. W. Ward do F. M. Perry F. L. Russell H. D. Mayne C. L. Movin	do	
	do.	Sarvices	47 155
	G W Ward	Traveling expenses	110
	do	do Traveling expenses Services Traveling expenses. Services Traveling expenses do do do	60
	F. M. Perry	Traveling expenses.	155 11 60 10 8
	F. L. Russell	do	8
	H. D. Mayne	do	0
	C. L. Morin Chas. Cowie	dodo	.5
	Chas. Cowie	do	15
	Jno. A. Bell W.S. Devoe	Services	32 72
	w.b.Devoe	do	53
		do	30
	Chas. M. Day	l do	39 30
	Geo. S. Hickox Chas. M. Day M. S. Lantz Levi P. Beechy Ernest N. Hutchinson Geo. S. Baker W. B. Niles	do	22
	Levi P. Beechy	do	22 32
	Ernest N. Hutchinson	Office expenses	10
	Geo. S. Baker	Traveling expenses	5 40
	W. B. Niles	do Office expenses Traveling expenses	40
		Unice expenses	50
	Frank T. Shannon W. S. Cass. Frank C. Eells Mary A. Atwood et al. O. E. Dyson Evalina M. Shepard G. A. Lytle Lila Robinson W. C. Honan Jno. Forbes F. L. De Wolf R. A. Ramsay Jas. W. Chowning Frank Parker T. Byron Cracroft Wm. E. Hall William Thompson do	Traveling expenses Office expenses Salaries Office expenses Salaries Office expenses Services Traveling expenses Services Traveling expenses Office expenses Traveling expenses	10
	Frank C. Eells	Traveling expenses	26 77
	Mary A. Atwood et al.	Salaries	77
	O. E. Dyson	Office expenses	8
	Evalina M. Shepard	Services	8
	G.A.Lytle	Traveling expenses	1.4
	Lila Robinson	Services	18
	W. C. Honan	Traveling expenses	18
	JHO, FORDES	Traveling expenses	90
	R A Ramsay	do	18 18 18 8 28 7 12
	Jas. W. Chowning	Traveling expensesdodo	12
	Frank Parker	do Services Traveling expenses	11
	T. Byron Cracroft	Services	65 5
	Wm. E. Hall	Traveling expenses	5
	William Thompson	Office expenses do Traveling expenses	17
	do	The reling armanges	15
	Poton I Vorghnor	Traveling expenses	27
	Geo C Moser	do	40
	William Thompson do Albert Dean Peter I. Kershner Geo. C. Moser Richd. J. Blanche Howard M. Burgess Harry D. Paxson W. E. Hill Arthur M. Rork Dan. McCunningham Lowell Clarke	do	31
	Howard M. Burgess	do	11
	Harry D. Paxson	do	6
	W. E. Hill	do	15
	Arthur M. Rork	do	15
	Dan. McCunningham	do	18
	Lowell Clarke E. C. Schroeder Chicago Car Seal and Manufacturing Co	Office expenses Tags	18 108 5 34
18	Chicago Con Scaland Manufacturing Co	The grant of the control of the cont	34
19	do	do	31
	Wm. Thompson et al	Salaries	1.436
	Raymond Johnson	Traveling expenses	1, 436 18
	wm. Thompson et al. Raymond Johnson C. E. Udell & Co	do Salaries	19
	O. E. Dyson	Office expenses	g
	Boyd Baldwin	do	4
	O. E. Dyson Boyd Baldwin Don C. Ayer E. N. Hutchinson Martha A. Britton Chas M. Day Chas, H. Stevens	do	9
	E. N. Hutchinson	do	30
	Martha A. Britton	Traveling expenses Office expenses Traveling expenses	2
	Chas H Stayons	Traveling expenses	36
	O B Hess	do do	2
	A. G. Bibb	do	19 9 4 3 30 2 8 36 2 17
	O. B. Hess A. G. Bibb Hugh M. Rowe	do	69
	Jno. McBirney Chas. E. Steel Thos. Castor	do	64
	Chas. E. Steel	do	22 25
	Unas. E. Steel	do	6

Date.	Name.	Nature of payment.	Total.
1901.			
Iar. 18	L. J. Allen	Traveling expenses	\$45.0
	Louis Metsker	do	65.4
	W.D.Jorden	00	61. 60 99. 1
	W. P. Steddom	do	51.50
	Spring Brook Creamery Co	Butter	17.3
	Louis Hax Furniture Co	Window shades	4. 7
	Schiel & Carson	Stove	4. 73 15. 23
	International Seal and Lock Co	Car seals	125. 00 917. 00 14. 00
	Goes Lithographing Co	Meat inspection stamps	917.0
	Z. D. Gilman	Supplies	14.0
	do	do	78.2
	Jas. S. Topnam	Strone	1.00
	Amarican Tea Co	Ico	13. 0
	Rudolph West & Co	Hammers etc	45. 2
	J. A. Turner Co.	Office rent	18.4
	M. Benson	Cheese	18. 43 23. 69
	Bausch & Lomb Optical Co	Supplies	20.73
	United States Envelope Co	Envelopes	112.70
	Dennison Manufacturing Co	Meat tags	20. 73 112. 70 3. 13
	A. G. G. Kichardson	Omce expenses	5.9
19	L. J. Allen Louis Metsker W. D. Jorden R. P. Steddom W. P. Ellenberger Spring Brook Creamery Co Louis Hax Furniture Co Schiel & Carson International Seal and Lock Co Goes Lithographing Co Z. D. Gilmando Jas. S. Tophamdo American Ice Co Rudolph, West & Co J. A. Turner Co M. Benson Bausch & Lomb Optical Co United States Envelope Co Dennison Manufacturing Co A. G. G. Richardson Rosemary Creamery Co New York Prisen Co J. P. Nawyath The Friedenwald Co Wm. E. Pratt Thos. Somerville & Sons M. G. Copeland & Co Jas. B. Lambie Leidy S. Depue Houghton & Delano	Canony	19.60
19	J P Nawrath	Twine	47.00 6.38 17.50
	The Friedenwald Co	Twine Certificates Hog ringers Lime, etc Flag Horse clippers, etc Oats Prints Transportation Services Traveling expenses Office expenses Office expenses	17.50
	Wm. E. Pratt.	Hog ringers	8.2
	Thos. Somerville & Sons	Lime, etc	16.14
	M. G. Copeland & Co	Flag	3.48
	Jas. B. Lambie	Horse clippers, etc	26.8
	Leidy S. Depue	Oats	33.00 2.4
	Houghton & Delano	Prints	2.44
20	W H Wron	Soprings	1.3° 350.00
20	Jas. B. Lambie Leidy S. Depue Houghton & Delano. The Geo. W. Knox Express Co. W. H. Wray. do Caroline Burnaby Jas. W. Davis. H. W. Hawley. do F. W. Ainsworth J. C. Beattie. Wm. Lochte Edw. S. Schmidt Eastern Shore of Virginia Produce Ex-	Traveling expenses	14 79
	_ do	Office expenses.	14.78 5.70
	Caroline Burnaby	G :	40.00
	Jas. W. Davis	Services Use of horse and buggy Use of horse and wagon Use of horse and buggy Office expenses Repairs to furniture, etc Shoeing horses, etc Prepared feed Sweet potatoes	18.00
	H. W. Hawley	Use of horse and wagon	36.00
	do	Use of horse and buggy	23.00
	F. W. Ainsworth	Office expenses	4.70 23.00
	J. C. Beattle	Repairs to furniture, etc	23.00
	Edw S Schmidt	Propaged food	12.50 7.00
	Eastern Shore of Virginia Produce Ex-	Sweet notatoes	20.00
			20.00
21	Schwarzschild & Sulzberger Co	Freight	396.08
	Richd. W. Hewitt	Traveling expenses	
	A. G. G. Richardson	Horse hire	4.52 38.00
	Simpson, McIntire & Co	Butter	25.00
	L. S. Ropiequet	Traveling expenses	5.10
	E.J. Foreman	Car fare	9.60
	change Schwarzschild & Sulzberger Co Richd. W. Hewitt A. G. G. Richardson Simpson, McIntire & Co L. S. Ropiequet E. J. Foreman A. J. Pistor Chicago Car Seal and Manufacturing Co do A. E. Behnke W. S. Cass O. W. Snyder Don C. Ayer A. Greenwood & Co A. Bauman, jr W. P. Campbell Saml. E. Cosford American Desk Co O. E. Dyson Pt. Wayne Coal Co Marshall Field & Co S. W. Burt St Louis National Stock Yards	Freight Traveling expenses Horse hire Butter Traveling expenses Car fare Traveling expenses Tags Disks Horse hire Feeding horse Keeping horse do Painting floor Horse hire Pios	5. 29 73. 58
	do	Disks	56.20
	A. E. Behnke	Horse hire	35.00
	W. S. Cass	Feeding horse	10.00
	O. W. Snyder	Keeping horse	20.00
	Don C. Ayer	do	15.00
	A. Greenwood & Co	Painting floor	3.50
	A. Bauman, jr	Horse hire	20.00
	W. P. Campbell	Pigs. Horse hire.	60.00
	Saml. E. Cosford	Horse hire	20.00
	O F Dygon	Furniture Horse hire Coal Felt	28.00
	Et Wayne Coal Co	Coal	15.00 32.00
	Marshall Field & Co	Felt	6.67
	S. W. Burt	Horse hire	15.00
	St. Louis National Stock Yards	Rent	50.00
	Chas. Keane	Rent Horse hire	25.00
	S. W. Burt St. Louis National Stock Yards Chas. Keane S. E. Bennett	do	23.00
	S. E. Bennett Houghton & Delano D. Frank Parker A. Wilson & Bro. W. M. Galt & Co R. Carter Ballantyne The Kny Sheerer Co A. A. Holcombe United States Electric Lighting Co Washington Gas Light Co.	Horse hire do Developing films Typewriter paper Cabbage Feed Labels Glass barrels Traveling expenses Electric current Gas	4.80
	D. Frank Parker	Typewriter paper	45.00
	A. Wilson & Bro	Cabbage	45. 00 25. 15 658. 35
99	P. Conton Pollontune	Feed	658.35
23	The Kny Sheerey Co	Class bannels	. 32 12, 40
25	A A Holcombe	Traveling avnerges	12.40 87.64
20	United States Electric Lighting Co.	Electric current	15.41
	Carrott Duties Electric Highling CU	moon to current	33.2

Date.	Name.	Nature of payment.	Total.
1901.			
Mar. 25	The Chesapeake and Potomac Telephone Co.	Telephone service	\$0.8
	Jno. C. Parker	Knives	. 6
27	A. D. Melvin	Traveling expenses	8.6
	Allen Stephenson & Co	Typewriter attachments Furniture	8. 6 4. 5 36. 0
	Hall & Hawkins	do	35. 2
	Jno. C. Parker A. D. Melvin Wagner Typewriter Co Allen Stephenson & Co Hall & Hawkins W. G. Shaw A. E. Harris Murray J. Myers Joshua Miller Mary K. Giblin Sterchi Bros The Friedenwald Co Marion Dorset et al	do Traveling expensesdo	69.2
	A. E. Harris	do	12.5 14.2
	Joshua Miller	Office expenses	6. 5
	Mary K. Giblin	Office expenses Traveling expenses Furniture Certificates meat inspection	.8
90	Sterchi Bros	Furniture	55. 0 650. 0 3, 312. 5
29 30	Marion Dorset et al	Salaries	3 312
A 1	Total, third quarter		236, 252. (
Apr. 1	R. W. Hickman	Traveling expenses	2.6 17.3 16.9
	Pennsylvania Co Illinois Central R. R. Co Galveston, Harrisburg, and San Antonio	do	16.5
	Galveston, Harrisburg, and San Antonio	do	22.
	Rwy. Co.		E1
	Baltimore and Ohio R. R. Co	do	51. 17.
	The Missouri Pacific Rwy. Co	do	33.
	Pennsylvania R. R. Co	do	88. 5.
	Union Pacific R. R. Co	do	5. 20.
	Baltimore and Ohio R. R. CododoThe Missouri Pacific Rwy. CoPennsylvania R. R. CoUnion Pacific R. R. CoBurlington and Missouri Pacific R. R. CoThe Chicago. Burlington, and Quincy R. R. Codo.	do	9.
	R.R.Co.		
	Now York Cover and Mayion Day Co	do	4.
	The Chesaneake and Ohio Rwy Co	do	55
	Missouri, Kansas, and Texas Rwy. Co	do	39. 55. 4.
	do New York, Texas, and Mexican Rwy. Co The Chesapeake and Ohio Rwy. Co Missouri, Kansas, and Texas Rwy. Co J. Wn. Fink W. C. Pennywitt Elmer H. Catlin & Co R. P. Clarke Co	Services	103.
2	W. C. Pennywitt.	Traveling expenses Telescope tubes, etc	6. 7. 1.
~	B. P. Clarke Co	Cloth	1.
	Mackan Dros	Supplies	162. 12. 48. 7.
	Leo Baum W. B. Moses & Sons	Material for illustrations	12.
		Chairs	48.
	Jac. B. Lamole do Jno. E. First W. C. Barth Miller Lock Co Eimer & Amend	Repairing screws, etc	i.
	Jno. E. First	Services	14.
3	W.C. Barth	Office furniture	45.
-0	Eimer & Amend	Padlock	21.
		Supplies Distilling bulbs	9. 7. 7.
	The Publishers & Printers' Engraving Co. Wm. Kraft	Engraving .	Ţ.
	Wm. Krait	Cover slips	5. 9.
	Phillip Lindemeyr W. B. Badger & Co United States Envelope Co.	Cover slips Ink pad Office furniture	31.
	United States Envelope Co	Envelopes	12.
	Library Bureau Eberhard Faber Standard Oil Co	Cards, etc.	15.
	Standard Oil Co	Bands Paraffin	2. 9.
	Simeon Trenner	Water motor	22.
	H. J. Washburn	Services	103.
-4	R. W. Hickman	Traveling expenses	21. 516.
	Standard Oil Co Simeon Trenner H. J. Washburn R. W. Hickman Albert Dean et al P. I. Kershner A. M. Rork F. T. Shannon B. J. Blanche	Services	120.
	A. M. Rork	do	120.
	F. T. Shannon	do	120.
	Thos Castor	do	120. 120.
	H. B. Adair	do	120.
	Thos. A. Bray	do	120.
	A. R. Wake	do	120.
	Harry D Payson	ao	120. 120.
	F. T. Shannon R. J. Blanche Thos. Castor H. B. Adair Thos. A. Bray A. R. Wake L. J. Allen Harry D. Payson M. B. Miller Louis Metsker W. E. Hill M. J. Myers H. M. Burgess Geo. C. Moser W. G. Shaw Wm. D. Jordden Danl. McCunningham	do	103.
	Louis Metsker	do	103. 103. 103.
	W. E. Hill	do	103.
	H M Rurgess	do	103.
	Geo. C. Moser	do	103. 103.
	W. G. Shaw	do	103.
		2	103.

e.	Name.	Nature of payment.	Total.
1.	Harvey L. McDonald W. B. Lincoln Jos. M. Good et al Fredk. Braginton et al Geo. Ditewig et al Joshua Miller et al T. A. Shipley et al W. C. Barth et al E. P. Schaffter et al A. J. Payne et al L. R. Baker et al W. H. Rose et al Julius Huelsen et al H. A. Hedrick et al N. K. Fegler et al E. L. Valgenau H. D. Mayne Saml. G. Hendren W. S. Cass et al Jun. Forbes et al Ju. J. Stewart et al A. E. Behnke et al Doyd Baldwin et al L. K. Green et al L. K. Atherton et al R. P. Steddom et al M. W. J. Urner W. M. Foster		
5	Harvey L. McDonald	Services	\$77. 103.
5	W. B. Lincoln	Colonico	103.
	Fredz Braginton et al	Salaries	165.
	Geo Ditewig et al	do	182. 275. 256. 237.
	Joshua Miller et al	do	256.
	T. A. Shipley et al	do	237.
	W.C. Barth et al	do	408.
	E. P. Schaffter et al	do	499.
	A.J. Payne et al	do	762. 943.
	W H Rose et al	do	1 019
	Julius Huelsen et al	do	1, 019 687 489
	H. A. Hedrick et al	do	489.
	N. K. Fegler et al	do	182
	E. L. Valgenau	Services	120
	H. D. Mayne	do	103 120
6	W S Cass et al	Salaries	1 189
0	Jno. Forbes et al	do	1, 189 2, 549 912
	W. J. Stewart et al	do	912
	A. E. Behnke et al	do	1.141
	Boyd Baldwin et al	do	642
	L. K. Green et al	do	642 182 185
	W R Nilos et al	do	208
	R P Steddom et al	do	210
	W.P. Ellenberger	Services	103
	F. T. Dolan	do	210 103 103
	Jos. M. Turner	do	77 62 103
0	W. M. Foster	do	62
8	K. A. Kamsay	do	100
	Agg N McOngen	do	120 20 95 981
	D. Cumming	do	95
	C. A. Schaufler et al	Salaries	981
	E. P. Dowd et al	do	182 285
	G. C. Faville et al	do	285
	Jas. Johnson et al	do	1,499
	C. I. Morin	Sarvices	940
	Chas. Cowie	do	คือ
	F. M. Perry	do	1,499 840 30 65 120 182
	W. J. Murphy et al.	Salaries	182
	F. W. Huntington et al	do	155 2,695
9	Morris Wooden et al	ob	2,690
Э	E W Barthold et al	do	1 939
	Saml. E. Bennett et al	do	6, 279
	F. W. Ainsworth et al	do	319
	C. H. Zink et al	do	2,695 6,050 1,939 6,279 319 1,824
	E. A. de Schweinitz	Office expenses	26
10	W. P. Ellenberger F. T. Dolan Jos. M. Turner W. M. Foster R. A. Ramsay Allen A. Holcombe Asa N. McQueen D. Cumming C. A. Schaufler et al E. P. Dowd et al G. C. Faville et al Jas. Johnson et al A. G. G. Richardson et al C. L. Morin Chas. Cowie F. M. Perry W. J. Murphy et al H. N. Waller et al Morris Wooden et al E. W. Barthold et al Saml. E. Bennett et al Saml. E. Bennett et al C. H. Ziuk et al C. H. Ziuk et al C. H. Ziuk et al C. D. Gilman O. E. Dyson et al H. T. Potter do Jno. A. Bell O. B. Hess et al	Chamicals	12
10	O. E. Dyson et al.	Salaries	8. 245
	H. T. Potter	Traveling expenses	8, 245 2 11
	do	Services	11
	H. T. Potter do Jno. A. Bell O. B. Hess et al E. R. Hutchinson et al E. T. Davison et al E. T. Davison et al L. Enos Day et al L. Enos Day et al L. Clarence Loveberry et al W. H. Gibbs et al do Richd. W. Tuck et al Niels C. Sorensen et al Herman Busman et al W. C. Honan Beni S. Paddock et al	do	182 298
	U. B. Hess et al.	Salaries	182
	E. T. Davison et al	do	108
	Saml, E. Cosford et al	do	182
	L. Enos Day et al	do	182
	Clarence Loveberry et al	do	182 182 180 165
	W. H. Gibbs et al.	do	165
	Righd W Tuck et al	Salarios	457
	Niels C. Sorensen et al	do	457 1,866
	Herman Busman et al	do	888
	W. C. Honan	Traveling expenses	19
	Herman Busman et al. W. C. Honan Benj. S. Paddock et al. Wm. C. Siegmund Chas. M. Day -do M. O. Anderson Geo. S. Hickor	do Traveling expenses Salaries Traveling expenses	242
11	Wm. C. Siegmund	Traveling expenses	888 19 242 36
11	Chas. M. Day	Sorvigos	14 120
	M.O. Anderson	Services	120
	Geo. S. Hickox	do	103
	Geo. S. Hickox Frank C. Eells W. E. Howe	do do Traveling expenses Services Traveling expenses	103
	W. E. Howe	Traveling expenses	103 103 68 103
	Lowell Clarke	Services	103 54

Date.	Name.	Nature of payment.	Total.
1901.	Lowell Clarke Chas. H. Stevens do J. Otis Jacobs flora A. Ayers Maggie Murphy Hugh M. Rowe Frank Parker M. S. Lantz L. P. Beechy A. J. Pistor R. H. Treacy Jno. McBirney O. W. Snyder Jas. Irwin W. R. Fleming Mary A. Atwood et al Don C. Ayer et al Jas. J. Brougham et al Wm. Thompson et al F. D. Ketchum et al T. J. Turner et al Geo. S. Baker et al Chas. Keane et al F. M. Perry Chas. Cowie G. W. Ward do H. A. Hedrick Louis A. Robinson A. F. Martins Jno. P. O'Leary		
Apr. 11	Lowell Clarke	Services	\$120.60
	Chas. H. Stevens	Traveling expenses	31. 75 120. 60 53. 20 103. 30
	T Ohio Torobo	Services	120.60
	J. Otis Jacobs	Traveling expenses	102.20
	Flore A Avers	do	103. 30 25. 00 18. 33 103. 30 103. 30 103. 30 103. 30
	Maggie Murnhy	do	18 3
	Hugh M. Rowe	do	103.30
	Frank Parker	do	103.30
	M. S. Lantz	do	103.30
	L. P. Beechy	do	103.30
	A. J. Pistor	do	103.30
	R. H. Treacy	do	103. 30 137. 80 120. 60
	Jno. McBirney	do	190.60
	Tog Invin	30	120. 66 86. 16 8. 9' 16. 755. 22 2, 187. 00 1, 087. 80 823. 16 755. 00
	W R Flaming	Traveling expenses	8 9
	Mary A. Atwood et al	Salaries	16.6
	Don C. Aver et al.	do	4, 795, 2
	Jas. J. Brougham et al	do	2, 187.00
	Wm. Thompson et al	do	1,087.80
	F. D. Ketchum et al	do	823.10
	T. J. Turner et al	do	755.0
	Geo. S. Baker et al.	do	432.30 399.60 12.20 13.00
12	Chas. Keane et al	Traveling owners	599.00 19.90
12	Char Cowi.	Traveling expenses	13.0
	G W Ward	Services	13. 06 70. 00 11. 80 8. 25 . 88 3. 25
	do	Traveling expenses	11.80
	H. A. Hedrick	Office expenses	8.2
	Louis A. Robinson	Traveling expenses do do Office expenses Traveling expenses	. 8
	A.F. Martins	do	3.2
	Jno. P.O'Leary Saml. G. Hendren	do	1.00
	Saml. G. Hendren	Office expenses	1.40
	Jno. A. Bell	Traveling expenses	6.13
	H. D. Mayne	00	27.07
	H. D. Mayne C. L. Morin Eimer & Amend	do do Glass tubes	27. 88 5. 98 2. 70
	Lostrodo Proc	Ruttor	15.60
	Lestrade Bros Stienhardt & Kelly Jas. S. Kelly et al. L. Enos Day Howard M. Burgess	do	15.60 38.00 252.60 1.50
	Jas. S. Kelly et al.	Salaries	252.60
	L. Enos Day	Office expenses	1.50
	Howard M. Burgess	Traveling expenses	5.15
	Howard M. Burgess Wm. Thompson Robt, Darling R. A. Ramsay A. N. McQueen Myrtle A. Hunt Harry D. Paxson Geo. E. Totten	Office expenses Traveling expenses	5. 13 3. 00 27. 88
	Robt. Darling	Traveling expenses	27.8
	A. N. McChaon	Servicesdo Trayeling expenses	17. 00 35. 00 6. 60
	A. N. McQueen	Services	6.6
	Harry D. Payson	Traveling expenses	8.3
	Geo E Totten	do	15. 10
	W. E. Hill	do	2.00
	Jos. W. Parker	do do	2. 00 18. 90
	Dan McCunningham	do	15.2
	W. E. Hill Jos. W. Parker Dan McCunningham E. T. Davison	do	9.7
	E. I. Davison A. J. Payne R. P. Steddom Fred. W. Hopkins W. P. Ellenberger	do Office expenses Traveling expenses	15. 2 9. 7 7. 2 12. 4
	R. P. Steddom	Traveling expenses	120 8
	W. D. Filenberger	Services Traveling expenses	120.60 18.90 4.60
	Wilcon & However Manufacturing Co	Cottle members eta	4.60
	W. P. Ellenberger Wilcox & Harvey Manufacturing Co Mary Connolly Iowa Telephone Co Chas. H. Canfield W. B. Niles A. L. Faunce Allen A. Holombe B. Howes	Cattle markers, etc	5.00 2.70 18.40 13.78
	Iowa Telephone Co	Rent and services	2.70
	Chas. H. Canfield	Traveling expenses	18.40
	W. B. Niles	do	13.78
	A. L. Faunce	Rent and services Traveling expenses do do	
-	Allen A. Holcombe	do	45.5
,	B. Howes	Services	45. 58 120. 60 3. 30
	A. E. Behnke	Office expenses	3.30
10	W. F. Nuice Allen A. Holcombe B. Howes A. E. Behnke do O. G. Richardson do Julius Huelson Harry M. Ball	00	34. 20 5. 20 6. 8
13	A. G. G. Kichardson	do	6.8
	do do	do	34 0
	Julius Huelson	do	15. 20
	Harry M Ball	Traveling expenses	5. 2
	C. H. Zink	Office expenses	. 71
	do Julius Huelson Harry M. Ball C. H. Zink Chas. A. Schaufler Harry N. Waller Eph. Dietrich W. H. Rose Hiram Jerome W. M. Foster	do	34.07 15.20 5.25 77 35.80 10.70 6.83
	Harry N. Waller	do	10.70
	Eph. Dietrich	do	6.81
	W H Rose	do	21.70
			5.55

Date.	Name.	Nature of payment.	Total.
1901.			
pr. 13	Thos. J. Turner R. H. Treacy Geo. C. Moser Chas. E. Steel Frank T. Shannon	Office expenses	\$21.9 45.8
	R. H. Treacy	Traveling expenses	45. 5 44. 5
	Chas E Steel	do	41. 0
	Frank T. Shannon	do	100.0
	M. B. Miller	do	48 9
	Chas. Pearson	do	21. 5 33. 1 43. 7
	Chas. Pearson Albert Dean Louis Metsker E. C. Schroeder F. L. Russell W. N. D. Bird Clarence O. Durfee C. H. Bugbee B. Howes Jno Forbes	do do	33. 1
	E. C. Schroeder	Office expenses	5. 9
15	F. L. Russell	Office expenses Services Traveling expenses	16.0
	do	Traveling expenses	7.8
	W. N. D. Bird	do	1.6
	Clarence O. Duriee	do	4.8 60.0
	R Howas	Services Traveling expenses	32.8
	Jno. Forbes	Office expenses do Traveling expenses	3. (
	A. J. Pistor	do	8.0
	Geo. W. Butler	Traveling expenses	10.4
	Wm. Yenner	do	3. 8 10. 8
	Arthur M Rork	Traveling evnenges	33.0
	Murray J. Myers	do	58.0
	Thos. Castor	do	41 9
71.0	Jno. Forbes A. J. Pistor Geo. W. Butler Wm. Yenner T. A. Shipley Arthur M. Rork Murray J. Myers Thos. Castor L. J. Allen Whitall, Tatum & Co Tooie A. Geddes W. B. Niles	Office expenses Traveling expenses do do Medicines	51. 1 2. 2 172. 2
16	Whitail, Tatum & Co	Medicines	1~0.6
	W. B. Niles	Services Office expenses	18.0
	J. Manz Engraving Co	Engraving	48.0
	J. Manz Engraving Co Boyd Baldwin	Engraving Office expenses	5.1
	Wm. D. Jorden	Traveling expenses	87.2
	Wm. D. Jorden Hiram W. Hawley O. E. Dyson Fort Wayne Coal Co W. S. Cass Jno. Forbes Z. D. Gilman	Traveling expenses Services, etc do Coal	39.0
	Fort Wayne Coal Co	Coal	15.0 8.0
	W. S. Cass	Horse feed. Hire horse, etc Chemicals	10.0
	Jno. Forbes	Hire horse, etc	45.0
	Z. D. Gilman	Chemicals	35.
	The Companyille of Comp		25.9
	do Thos Somerville & Sons Wm Lochte	Fairbanks W. W. valves	6. 2 8. 0
	M. Du Perow	Telephones, etc.	37.0
	W. D. Cente M. Du Perow Henry E. Alvord O. E. Dyson Brink's Chicago City Express Co The Consumers Co Hiram W. Hawley Chicago Telephone Co S. W. Burt	Telephones, etc. Office expenses	139.5
17	O. E. Dyson	Services	10.6
	Brink's Chicago City Express Co	Services	23. 5 18. 8
	Hiram W Hawley	Ice	23 (
	Chicago Telephone Co	Use horse, etc	23. (43. 7
	S. W. Burt Hibbard, Spencer. Bartlett & Co	Use saddle horse	Tā. (
	Hibbard, Spencer. Bartlett & Co	Clippers, etc	3. (132. 3
	Office Toilet Supply Co Rand, McNally & Co	Towers	132. 3
	Don C Aver	Record book.	5. ā 15. (
	Don C. Aver	Office expenses	10.
	Frontier Towel-Supply Co	Towels	5.8
	Jas. W. Davis	Use horse, etc	18.0
	St. Joseph Stock Yards Co	Use of horse Office expenses Towels Use horse, etc Office rent Use horse and buggy do Towels	135.0
	Sam'l F Coeford	Use norse and buggy	25. 0 20. 0
	Rand, McNally & Co Don. C. Ayer Don. C. Ayer Frontier Towel-Supply Co. Jas. W. Davis St. Joseph Stock Yards Co. Chas. Keane Sam'l E. Cosford Armstrong Laundry A. Bauman, jr J. Otis Jacobs. M. S. Lantz	Towels	2.6
	A. Bauman. jr	Use horse and buggy Traveling expenses	20.0 13.3
	J. Otis Jacobs	Traveling expenses	13.
	M. S. Lantz	do	7.5
	S. E. Bennett	do	35. (23. (
	F. P. Burnap Stationery and Printing Co.	Ink	6.0
	M. S. Lantz A. E. Behnke S. E. Bennett F. P. Burnap Stationery and Printing Co. Wyandotte Gas Co. Emery Bird Thayer Dry Goods Co. The Kansas City Stock Yards Co. of Missouri	Gas Soap Office rent	3.0
	Emery Bird Thayer Dry Goods Co	Soap	7. (49. 5
	The Mansas City Stock Yards Co. of Mis-	Omce rent	49.8
	Thos A Bray	Use saddle horse	79.0
	A. R. Wake	Traveling expenses	72. 0 7. 8
	Gem Fiber Package Co	Butter boxes	8. 5
	W. S. Devoe	Services	172. 2 16. 2
	E Buygdorf	Him home and home	16. 2 35. 0
	A. Wilson & Bro	Cabbage	13.1
	Leo Baum	Hire horse and buggy Cabbage Material for illustrations	4.5
	The Kansas City Stock Yards Co. of Missouri. Thos. A. Bray. A. R. Wake Gem Fiber Package Co. W. S. Devoe. American Ice Co. E. Burgdorf. A. Wilson & Bro. Leo Baum. Chas. Becker. Henry E. Alvord. H. P. Armsby et al.	Oil	105.8
18	Henry E. Alvord	Traveling expenses	12.8
		Salaries	184.2

$\label{lem:expenditures} \textit{Expenditures of Department of Agriculture for year ending June 30, 1901} \textbf{—} \textbf{Cont'd.}$

ate.	Name.	Nature of payment.	Total.
901.			
pr. 18	Chas. A. Schaufler	Use of horse	\$60.
	A. G. G. Richardson	Use of horse and buggy	38.
	Gerald E. Street	Services Use horse and buggy	24.
	C. H. Zink East Buffalo Live Stock Exchange Co	Use horse and buggy	120.
	East Buffalo Live Stock Exchange Co	Office rent.	90.
	E. J. Brooks & Co. Dennison Manufacturing Co The Okonite Co., Limited	Office rent	74.
	Dennison Manufacturing Co	Meat tags	8.
	The Okonite Co. Limited	Meat tags	15.
	Jas Stikeman	Office rent	125.
	The Bell Telephone Co. of Philadelphia	Telephone service	41.
	Jas. Stikeman The Bell Telephone Co. of Philadelphia J. F. Ryder	Traveling expenses	50.
	do	Services	172.
	Hugh M. Rowe	Traveling expenses	77.
	C. H. Bugbee	do	82.
	Lowell Clarke	do	37.
	Chas. M. Day	Office expenses	. 9.
	C. Deaderick	Office rent	34.
	W. E. Pratt	Hog rings	154.
	W. E. Pratt The Fredk. C. Gross & Bros. Co	Office rent	51.
	Geo. S. Baker	Office expenses	01.
	Walter E. Howe	Traveling expenses	73.
	Geo S Hickov	do	88.
19	N. Rufus Gill	Office rent.	31
	Chesapeake & Potomac Telephone Co	Rent telephone	31. 19.
	N. Rufus Gill Chesapeake & Potomac Telephone Co International Toilet & Supply Co	Towels	3.
	Jas. M. Codman	Office rent	90.
	Jas. M. Codman New England Telephone & Telegraph Co-	Service	52.
	Bay State Clean Towel Co. J. F. Turner Spring Brook Creamery Co. The Franklin County Creamery Associa-	Towels Copy of act furnished	3.
	J. F. Turner	Copy of act furnished	
	Spring Brook Creamery Co	Butter	108.
	The Franklin County Creamery Associa-	do	62.
	tion.		O.F.
	Hanford-Hazelwood Creamery Co	ob	72.
	Nebraska Telephone Co	Rent telephone	13.
	St. Louis National Stock Yards	Rent office .	50.
	New Telephone Co	Service	20.
	New Telephone Co Belt R. R. and Stock Yards Silver Laundry and Towel Co	Rent of office	30
	Silver Laundry and Towel Co	Towel service	3.
	lac Sullivan	Coal	14.
	Armour Packing Co. Cutler & Neilson Paint, etc. Co	Rent telephone	12.
	Cutler & Neilson Paint, etc. Co.	Thinner	3
	G. W. Tourtellot	Rent office	3. 135.
	F. D. Ketchum	Use horse and buggy	20.
	F. H. Jenkins	Calf	25.
	The Layton Co.	Supplies	19.
	Gahan and Burns	Supplies	675
	Gahan and Burns Union Stock Yards and Transit Co. Chicago Car Seals and Manufacturing Co.	do	675. 225.
	Chicago Car Seals and Manufacturing Co	Tags	32. 96.
	do	Discs	96
	Per Ehrenheim	Rent office	43.
	Missouri and Kansas Telephone Co	Rent telephone	12.
	Llowa Telephone Co	Service	10.
	Church & Stephenson	Lumber	228
	Church & Stephenson Rudolph, West & Co	SuppliesdoTrayeling expenses	183.
	Lutz & Co Axel Holling do	do	77.
	Axel Holling	Traveling expenses	183. 77. 82. 73.
	do	do	73.
	do	do	62. 20.
20	Bausch & Lomb Optical Co	SuppliesAluminum shields	
	do	Aluminum shields	
	F. H. Lovell & Co	Clocks	11.
	Washington Gaslight Co	Gas	39.
	Houghton & Delano	Eikonogen, etc	٠.
	F. H. Lovell & Co Washington Gaslight Co Houghton & Delano do United States Electric Lighting Co	Deed plates	5. 16.
	United States Electric Lighting Co	Electric current	16.
	P. Mann & Co	Harness, etc	21.
	Hugh Reilly	Material for paint	21. 6. 45.
	R. P. Clarke Co	Towels, etc	45.
	David M. Nesbit	Report of sweet potatoes	125.
	H. E. Overstreet	Transportation	
	Washington Gaslight Co- Houghton & Delano . do United States Electric Lighting Co- P. Mann & Co- Hugh Reilly R. P. Clarke Co- David M. Nesbit. H. E. Overstreet. New York, New Haven and Hartford R. R.	do	1.
	. do Missouri Pacific Rwy. Co Atchison, Topeka and Santa Fe Rwy. Co do	do	1.
	Missouri Pacific Rwy. Co	do	1.
	Atchison, Topeka and Santa Fe Rwy. Co	do	2.
	do	do	9.
	Chicago, Burlington and Quincy R. R. Co-	do	19.
	Chicago, Burlington and Quincy R. R. Co	do	
	00	00	
	Chicago and Erie R. R. Co. Kansas City, St. Joseph and Council Bluffs	do	21. 2.

te.	Name.	Nature of payment.	Total.
01.			
. 20	Star Union Line Pennsylvania Co Chicago and Northwestern Rwy. Co Wisconsin Central Rwy. Co Burlington and Missouri River R. R. Co New York, Chicago and St. Louis R. R. Co Pennsylvania R. R. Co do Chicago, Milwaukee and St. Paul Rwy. Co	Transportation	\$0.
	Pennsylvania Co	do	
	Chicago and Northwestern Rwy. Co	do	
	Rurlington and Missouri River R. R. Co	do	8.
	New York, Chicago and St. Louis R. R. Co.	do	
	Pennsylvania R. R. Co	do	
- 9	do	do	
	Chicago, Milwaukee and St. Paul Rwy. Co- Lake Shore and Michigan Southern Rwy. Co	do	
22	Chas. E. Steel	Services	13
1414	CO.	do do Services Passenger transportation	55
	The International and Great Northern	do	4.
	San Antonio and Aransas Pass Rwy. Co	do	2
	Union Pacific R. R. Co.	00	$\frac{4}{9}$
	Chicago Milwaukee and St. Paul Rwy. Co.	do	7
	Missouri Pacific Rwy. Co	do	27
	The Chesapeake and Ohio Rwy. Co	do	27 27
	The Wabash R. R. Co	do	33
	Chicago & Alton Rwy Co	0D	31
	R. R. Co. San Antonio and Aransas Pass Rwy. Co. Union Pacific R. R. Co. Southern Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Missouri Pacific Rwy. Co. The Chesapeake and Ohio Rwy. Co. The Wabash R. R. Co. Pennsylvania R. R. Co. Chicago & Alton Rwy. Co. Fred. A. Schmidt Gazette Publishing Co. San Francisco Chronicle.	Drawing paper, etc	27 25
23	Gazette Publishing Co	Advertising	2
	San Francisco Chronicle	do	5
	Gazette Publishing Co San Francisco Chronicle Grand Trunk Rwy. Co Chicago Car Seal Manufacturing Co Goes Lithographing Co O. W. Snyder Mackall Bros W. W. L. OR	Passenger transportation "Condemned" tags Meat inspection stamps.	5 19
	Goes Lithographing Co	Most inspection stamps	809
	O. W. Snyder	Keeping horse	16
	Mackall Bros	Supplies	88
0.4	Mackall Bros W. W. Long S. R. Burch Edw. S. Schmid Lewis Hartig New York Telephone Co E. P. Schaffter F. Clark F. W. Ainsworth	Traveling expensesdo	29
24 25	S. R. Burch	Ddo	17
20	Lawis Hartis	Prepared feed	7 2
	New York Telephone Co	Hardware Telephone rent Office expenses Horse	26
	E. P. Schaffter	Office expenses	1
	F. Clark	Horse	140
	F. W. Ainsworth	Office expenses	2
	M. O. Anderson	do	1 13
	M. O. Anderson Jas. J. Brougham Fredk. Braginton	do	1
	Fredk. T. Dolan	Traveling expenses	8
	Fredk. T. Dolan Albert Dean P. I. Kershner	Office expenses	6
			39 87
	John McBirney W. S. Devoe Frank Parker W. B. Niles	do	64
	Frank Parker	do	- 71
	W. B. Niles	do	75
	do	ao	24
	Crosby & Myers	Cheese Repairing lock boxes	108 3 7
	J. J. Van Eaton, guardian to W. J. Collier	Office rent	7
27	W. C. Pennywitt	Office rent Traveling expenses Transportation	36
	Adams Express Co	Transportation	89
	Crosby & Myers J. Haberle J. J. Van Eaton, guardian to W. J. Collier W. C. Pennywitt Adams Express Co United States Express Co Bourbon Stock Yard Co Geo. S. Baker R. G. Merrill Cora A. Houseman	Office rent	10
	Geo S Baker	Traveling expenses	30 5
	R. G. Merrill	Traveling expensesdo	4
	Cora A. Houseman	do	3
	W. S. Cass	Office expenses.	2
	Joseph S Keane	Traveling expenses	21 11
29	Whitall Tatum & Co	"Reakers"	11
	do	Flasks	5
	Eimer & Amend	Furnace mufflers	7
	New York Telephone Co	Rent and service	21.
	Chicago Burlington and Oning P. B. Ca	Services	40
	Star Union Line	do	12.
	Cora A. Houseman W. S. Cass Joseph S. Keane Hardie Wyatt Whitall, Tatum & Codo Eimer & Amend New York Telephone Co Caroline Burnaby Chicago, Burlington and Quincy R. R. Co. Star Union Line Michigan Central R. R. Co.	do	1~
	Burlington and Missouri River R. R. in	dodo	
	Burlington and Missouri River R. R. in	do	
	Nebraska. Chicago, Rock Island and Pacific Rwy. Co.	do .	4
	and Pacine Rwy. Co.	do	4.1
	do Boston and Albany R. R. Co Lake Shore and Michigan Southern Rwy.	do	1
	Boston and Albany R. R. Co	do	
		do	1.

Date.	Name.	Nature of payment.	Total.
1901.			1,70
Apr. 29	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Chicago and Northwestern Rwy. Co	Transportation	\$0.48
	Chicago and Northwestern Rwy. Co	do	1.17
	Baltimore and Ohio R. R. Co. Cleveland, Cincinnati, Chicago and St.	do	1. 1.
	Louis Rwy. Co.	ao	. 5
	do Chicago and Erie R. R. Co	do	$\frac{2.4}{7.9}$
	Pennsylvania R. R. Co	do	.3
	dodo	do	2.2
30	Pennsylvania Co	Office owners	$\frac{.4}{21.4}$
30	T. A. Geddes	Traveling expenses	22. 8 3. 8
	Louis Rwy. Co. do. Chicago and Erie R. R. Co. Pennsylvania R. R. Co. do. do. Pennsylvania Co. Geo. C. Faville T. A. Geddes. do Marion Dorset et al. R. W. Hickman	Office expenses	3, 8 3, 334. 9
May 1	R. W. Hickman	Traveling expenses	17.8
	Geo. H. Parks E. J. Brooks & Co Estate of W. J. Brooke, Helen Brooke, ex-	Seals and wires	18. 5 795. 0
	Estate of W. J. Brooke, Helen Brooke, ex-	Traveling expenses Office expenses Salaries Traveling expensesdo Seals and wires Post-hole diggers	17. 5
2	ecutrix. International Seal and Lock Co	Can goals	125.0
	Tyer Rubber Co.	Car seals	11. 8 36. 2
	Tyer Rubber Co. L. G. Orndorff W. B. Moses & Sons The Chespeake and Potomac Telephone Co. do. N. K. Fegley et al W. H. Rose et al H. A. Hedrick et al E. P. Dowd et al Julius Huelsen et al A. G. Richardson et al Jas. Johnson et al F. W. Huntington et al H. J. Washburn N. K. Fegley H. D. Mayne Saml. G. Hendren E. L. Volgenau J. B. Archer J. H. & G. T. Teachout	Furniture	64. 1 123. 7
3	The Chespeake and Potomac Telephone Co-	Telephone rent	1.6
4	N. K. Fegley et al	Salaries	174. 7 963. 0
	H. A. Hedrick et al	do	468 (
	E. P. Dowd et al	do	174.7 657.6 823.6 1,442.5
	A. G. G. Richardson et al.	do	823. 6
	Jas. Johnson et al	dodo	1,442.2
	H. J. Washburn	Services	150.9
	N. K. Fegley H. D. Mayne	Office expenses	98. 9 115. 4 115. 4
	Saml G. Hendren	do	115.4
6	J. B. Archer	Calves	50.0
7	J. H. & G. T. Teachout	Calf	50.0 25.0 2,628.2
· ·	C. A. Schaufler et al	do	949.4 174.3 509.3 418.3
	W.J. Stewart et al	do	509.
	F. W. Ainsworth et al	do	418. 1 230. 4
	L. R. Baker et al	do	903. 969.
	A. J. Payne et al E. P. Schaffter et al	do	969.3 538.7
	R. P. Steddom et al.	do	201.
	H. D. Mayne Saml G. Hendren E. L. Volgenau J. B. Archer J. H. & G. T. Teachout H. N. Waller et al C. A. Schauffer et al Fred Braginton et al Fred Braginton et al W. J. Stewart et al F. W. Ainsworth et al L. R. Baker et al L. R. Baker et al L. R. Baker et al A. J. Payne et al E. P. Schaffter et al R. P. Steddom et al C. A. Zink et al W. J. Murphy et al Geo. C. Faville et al W. B. Lincoln Jos. M. Turner F. T. Dolan M. J. Myers W. M. Foster F. W. Hopkins W. P. Ellenberger W. H. Wray Toyo Kisen Kaisha S. E. Bennett et al W. E. Cass et al Thos. J. Turner et al Jas. S. Kelly et al Jos. M. Good et al Albert Dean et al Niels C. Scrensen et al do E. C. Schroeder Geo. S. Hickox R. J. Blanche Thos. C. Sator F. T. Shannon L. J. Allen	do	538. 201. 1,789. 174.
	Geo. C. Faville et al	Services	273.6 98.9 74.5
	Jos. M. Turner	do	74.
	M. J. Myers	do	115. 98. 59.
	W. M. Foster	do	59.3
	W. P. Ellenberger	do	98.9 98.9 387.8 397.8
	W. H. Wray	Passanger transportation	387.8 397.8
8	S. E. Bennett et al	Salaries	5,978.
	W. E. Cass et al Thos. J. Turner et al	do	792.8
	Jas. S. Kelly et al	do	5,978.6 1,102.6 792.8 248.9 158.2 578.5 1,739.3 13.4 6.6 98.9
	Albert Dean et al	do	578.
	Niels C. Sorensen et al	Office expenses	1,739.3
	E. C. Schroeder	do	6. 8
	Geo. S. Hickox	Servicesdo	98.9 115.4
	Thos. Castor	do	115. 4 115. 4 115. 4
	L.J. Allen	do	115. 4 115. 4 46. (
	C. L. Morin	do	46.

$\label{lem:expenditures} \textit{Expenditures of Department of Agriculture for year ending June~30, 1901-Cont'd.}$

DM CCH HIGH	F. M. Perry Lhas. M. Day do do do Ao A. Holcombe as. Irwin	Services	
DM CCH HIGH	F. M. Perry Chas, M. Day	Services	
DM CCH HIGH	Chas. M. Day	00, 11000	\$115 115
DM CCH HIGH		do	115
DM CCH HIGH	u0	Office expenses	24
DM CCH HIGH		Sorvices	24 23 115 82 90
DM CCH HIGH	A. A. HOICOHIDE	do	89
9 Ji L L W W T A	Cumming	do	90
9 Ji L L W W T A	I O Anderson	do	115
9 Ji L L W W T A	Chas. A. Brown	do	115 74 74
9 Ji L L W W T A	Harry L. McDonald	do	74
9 Ji L L W W T A	os. W. Parker	do	98
9 Ji L L W W T A	Oan McCunningham	do	98 98
9 Ji L L W W T A	deo. W. Browning	do	98
9 Ji L L W W T A	4. B. Miller	do	98 98 98
9 Ji L L W W T A	Vm G Show	do	90
9 Ji L L W W T A	lao E Tuttan	do	98
9 Ji L L W W T A	ouis Wetsker	do	98
9 Ji L L W W T A	V. E. Hill	do	98 98 98
9 Ji L L W W T A	leo, C. Moser	do	98
9 Ji L L W W T A	I. D. Paxson	do	115 115 115
9 Ji L L W W T A	I. B. Adair	do	115
9 Ji L L W W T A	P. I. Kershner	do	115
9 Ji L L W W T A	hos. A. Bray	do	115
9 Ji L L W W T A	A. R. Wake	do	115
9 Ji L L W W T A	A. M. Kork	do	115 98
9 Ji L L W W T A	H Bughee	do	90
9 J1 L L W W T A	J. H. Bugbee. Chas. A. Stevens. J. W. Butler A. A. Ramsay Western Union Telegraph Co.	do	115
9 J1 L L W W T A	W. Butler	do	98
9 J1 L L W W T A	R. A. Ramsay	do	98 115 98 98
9 J1 L L W W T A	Western Union Telegraph Co	Services	
9 Ji L L W W T A F Ir	do	do	2, 488 180
L W W T A F In B	no. Forbes et al	Salaries	2,488
W W T A F In B	ouis K. Green et al	do	180
W W T A F Ir	ouis K. Green	Traveling expenses	ā
T A F In	Western Union Telegraph Codo no. Forbes et al ouis K. Green et al ouis K. Green et al V. C. Barth W. C. Barth W. C. Barth et al A. Shipley et al A. E. Behnke et al rank D. Ketchum et al rank D. Ketchum et al	do	1
T A F In B	V. C. Barth	Office expenses	512 512
A F In B	V. C. Barth et al	Salaries	912
F	F Pohnko et al	do	1 147
Îr	rank D Ketchum et al	do	323 1,147 807
В	ra K. Atherton et al.	do	
	Boyd Baldwin et al	do	614 174
L	rank D. Ketchum et al. ra K. Atherton et al. Soyd Baldwin et al. Lenos Day et al. C. Mines et al. C. Milnes et al. C. Milnes eo. Ditewig et al. V. S. Devoe. Larence Loveberry et al. J. Hess et al. L. T. Dayison	do	174
Je	oshua Milier et al	do	248 115
J.	. C. Milnes et al	do	115
J.	. C. Milnes	Traveling expenses	$\frac{4}{263}$
1 6	reo. Ditewig et al	Salaries	263
, C	V. S. Devoe	Services	179
10	R Hose of al	Salaries	174
Ĕ	L. T. Davison	Services	98
C	has. Cowie	do	203 164 173 174 98 112 7 27 29
H	I. T. Potter	Traveling expenses	7
H	I. T. Potter I. T. Potter I. D. Mayne	do	27
11	V. H. Rose	Traveling expenses do	29
T	V. H. Rose ooie A. Geddes I. W. Ward Vm. T. Mayer red. W. Keisker & Son er Ehrenheim aml. E. Cosford It. Louis National Stock Yards V. S. Cass do Ubert E. Behnke	Services	
G	W. Ward	do	115
II.	VIII. I. Mayer	Chair	5 22
P	Por Fhronhoim	Desk	30
S	aml E Cosford	Use horse and buggy	20
Si	t. Louis National Stock Yards	Desk Rent Use horse and buggy Rent Office expenses	50
W	V. S. Cass	Office expenses	2
	do	Horse feed	10
A	Albert E. Behnke	Horse feed. Use of horse and buggy	35
F	D. Ketchum A. A. Holcombe B. A. Ramsay	Traveling expenses	20
A	A. A. Holcombe	Traveling expenses	48 21
R	K. A. Kamsay	do	21
A	A. J. Fistor	do	8
A	. Dauman, Jr	Use horse and buggy Services Trayeling expenses	20
R	Poht H Theorem	Services	98
	Robt. H. Treacy		4.
G	Robt. H. Treacy do	Traveling expenses	- 5
B	Robt. H. Treacy do . 3. J. Blanche	do	91
	Robt. H. Treacy do J. J. Blanche Geo. E. Totten J. J. Stine	do	5 21 11
В	t. A. Ramsay A. J. Pistor Bauman, jr Cobt. H. Treacy Go J. Blanche Geo E. Totten S. L. Stine Go S. W. Murphy, jr Chas. Keane	Traveling expensesdodododododo	47 5 21 11 7

Ea

Date.	Name.	Nature of payment.	Total.
1901.	,		
May 9	Henry Singleton O. W. Snyder E. N. Hutchinson The United States Express Co	Traveling expenses	\$11.80
	O. W. Snyder	do	18, 55
	E. N. Hutchinson	do Office expenses Freight	11.50 3.38
10	O.E. Dyson et al.	Salaries	9 197 55
10	A. G. G. Richardson	Office expenses	8, 127. 55 6. 31 5, 922. 63 1, 593. 23 233. 10
11	A. G. G. Richardson Morris Wooden et al	Office expenses Salaries	5, 922, 63
	E. W. Barthold et al	do	1,593.23
	Benj. S. Paddock et al	do	233.10
	Herman Busman et al	dodo	850.40 176.30
	Frank E. Emery	Services	265 32
	The Franklin County Creamery Association	Butter	201. 76 115. 40 158. 20
	Saml. E. Cosford	Salary Salaries	115, 40
	Morris Wooden et al. E. W. Barthold et al. Benj. S. Paddock et al. Herman Busman et al. H. P. Armsby et al. Frank E. Emery The Franklin County Creamery Association Saml. E. Cosford. W. H. Gibbs et al. E. W. Tuck et al.	Salaries	158.20
	Wm Thompson et al	do	410.03
	W. H. GIDOS et al R. W. Tuck et al Wm. Thompson et al J. J. Brougham et al Henry E. Alvord D. E. Salmon T. S. Buck Chas. Cowie C. L. Morin	do	1,078.00 2,093.20
	Henry E. Alvord	Traveling expenses	
	D. E. Šalmon	do	23.05
13	T.S. Buck	Patent flexible mounts	37.20
	Chas. Cowie	Traveling expenses	18.25
	E I Malov	Patent nextole mounts Traveling expensesdoBicycle, etc Shoeing horses Supplies	23. 05 37. 20 18. 25 5. 55 25. 00
	E. J. Maloy Wm. Lochte Mackall Bros	Shoeing horses	14.87
	Mackall Bros	Supplies	144 67
	Chas. Keane et aldo Robt. Darling E. N. Hutchinson et al	do Salaries Use horse and buggy Salary	382. 40 25. 00 115. 40
	Chas. Keane et al	Salaries	382.40
	Poht Douling	Use norse and buggy	25.00
	E N Hutchinson et al	Salaries	282.00
	E. N. Huteninson et al Frank E. Eells do Wm. E. Howe. Geo. S. Baker et al J. O. Jacobs Hugh M. Rowe.	Salaries Services Traveling expenses	115.40 5.00
	do	Traveling expenses	5.00
	Wm. E. Howe	Services Salaries	98. 90 413. 80 98. 90 98. 90
	Geo. S. Baker et al	Salaries	413.80
	Hugh M Rowe	Servicesdo	98.90
	Jno. McBirney	do	131.90
	Jno. McBirney do Levi P. Beechydo	Traveling expenses	131. 90 113. 00 98. 90
	Levi P. Beechy	Services Traveling expenses	98.90
	Tdo	Traveling expenses	2.00
		Services	2.00 115.40 98.80 451.56
14	Mary A Atwood et al	Traveling expenses Salariesdo	451.56
**	Don C. Aver et al.	do	
	C. H. Bugbee Mary A. Atwood et al Don C. Ayer et al W. H. Wray	Services Traveling expenses do Office expenses	375. 00 15. 13 17. 04
	do	Traveling expenses	15.13
	do	Office expenses	17.04
	do		17. 98 5. 91 47. 67
	do J. F. Ryder Caroline Burnaby	Traveling expenses Services Use horse and buggy	47.67
	Caroline Burnaby	Services	40.00
	Jas. W. Davis Don C. Ayer	Use horse and buggy	18.00 15.00
	J. F. Pydov	Services	164. 80
16	J. F. Ryder United States Electric Lighting Co	Electric current	18 87
		Pads	18. 10 16. 35 2. 50
	American Ice Co. The Chesapeake and Potomac Telephone	Ice Telephone service	16. 35
	The Chesapeake and Potomac Telephone	Telephone service	2.50
	Co.	Dottonias ete	11 00
	W. M. Golf & Co	Batteries, etc	11.00 303.35
	M. Du Perow. W. M. Galt & Co. D. Frank Parker	Typewriter table atc	9.60
			12.00 48.00
	Louise Brefeton F. L. Russell do Nathan K. Fegley	Services	48.00
	do	Traveling expenses	8.35
	H T Potton	Office expenses	27.00
17	H. I.F Otter	Del (1005	. 50 27. 00 50. 00
	O. E. Dyson	Use of saddle horse	15.00
	Waterbury Clock Co.	Clock	11.76
	Chas. M. Day O. E. Dyson Waterbury Clock Co. FortWayne Coal Co Hillinois Wringer Co. Hibbard, Spencer, Bartlett & Co. S. W. Burt A. P. Little Hiram W. Hawley	Coal Wringer Clippers	6.50 3.50
	Hillinois Wringer Co	Wringer	5 28
	S W Burt	Use saddle horse	15.00
	A. P. Little	Mimeograph ink.	15. 00 2. 25
	Hiram W. Hawley	Mimeograph ink. Use of horse and wagon Use of horse and buggy	39.00
		TT Character and the success	- 92 M
	do	Traveling expensesdo	23.00 18.74

Chas. H. Stevens	Traveling expenses	\$71.
Ernest N. Hutchinson	Office expenses	11.
	Services	98.
L Paner	Harling expenses	67. 2.
Hugh M Rowe	Traveling expenses	50.
Lowell Clarke		61.
W. E. Howe	do	55.
Dan. McCunningham	do	55. 57.
Geo. C. Moser	do	63.
Geo. W. Browning	do	25.
Hanford Hazalmood Cronmony Co	Putton	10.
	do	138. 98.
Louis K. Green	Office expenses	
Wm. C. Honan	Traveling expenses	19.
Robt. H. Treacy	do	19. 41. 68. 2. 3.
W. S. Devoe	do	68.
R. G. Merrill	do	2.
Jos. M. Good	Office expenses	3. 2.
Arthur M Royk	Traveling expenses	40.
Boyd Baldwin	Office expenses	5.
E. T. Davison	Traveling expenses	5. 21.
W. B. Niles	do	9.
do	Office expenses	70.
Saml. E. Cosford	Traveling expenses	16. 8.
Arthur R. Wake	do	16
Rudolph Wost & Co	Hardware	16. 217. 27.
Thos. Somerville & Sons	Enameled bath tub	27.
		210
Miller Lock Co	Kers etc	1. 128. 176.
Geo. Meier & Co	Lithographic stones	128.
Dennison Manufacturing Co	Tags	176.
do	Checks	3%. 01
do	do	~1. 7
do	do	32. 21. 7. 2.
J. H. Bunnell & Co.	Supplies	+.
A. G. G. Richardson	Use of horse and buggy	38. 3.
Jno. R. Mohler	Traveling expenses	3.
S. E. Bennett	Use of norse and buggy	23.
Cincinnati Union Stock Vard Co	Rent	26.
Goes Lithographing Co	Meat inspection stamps	580.
W. L. Van Duzor	Cattle	80.
O. E. Dyson	Office expenses	8.
Monroe B. Miller	Traveling expenses	14.
Jos. W. Parker	do	25.
Goo S Ralzer	do	14. 5.
Clarence Loveberry	Office expenses	1.
Martha A. Brittan	Traveling expenses	11.
Mary Connolly	do	13.
Martha Schnell	do	10.
		5.
W.D.Jorden	do	84.
Chas A Brown	do	31. 50.
Thos. Castor	do	120
Peter I. Kershner	do	120 39 7
Harry D. Paxson	do	7.
W.E.Hill	do	6.
Chas Postson	00	20.
J. E. R. Carnenter	Office rent	26 26
Emma J. Adams administratrix	do	120
F. M. Perry	Traveling expenses.	14
Tooie A. Geddes	Office expenses	21.
F. W. Ainsworth	do	21
Julius Huelsen	do	11.
M. S. Lantz	Services	98 8
Rosemany Cronmony Co	. Uneese	8.
The Baker & Adamson Chemical Co	Ashestos	181 3 20
Maine Condensed Milk Co	Milk	90.
The Peterson Parchment Paper Co	Parchment paper	20.
Benj. H. Shoemaker	Glass	24
	Hanford-Hazelwood Creamery Co. Springbrook Creamery Co. Louis K. Green Wm. C. Honan Robt. H. Treacy W. S. Devoe R. G. Merrill Jos. M. Gooddo Arthur M. Rork Boyd Baldwin E. T. Davison W. B. Nilesdo Saml. E. Cosford Arthur R. Wakedo Grundle Green G	Traveling expenses

1901.			Total.
ay 24	Tyer Rubber Co	Rubber tips	\$18.0 106.5 17.5 10.0
	Library Bureau S. R. Burch Eugene Tilden	Cards, etc Traveling expenses Sign markers	106.2
25 27	S. R. Burch	Traveling expenses	17.3
27	Eugene Tilden	Sign markers	10.0
	Robt. Burrows Church & Stephenson Geo. E. Howard The McDermott Carriage Co Geo. F. Muth & Co Jas. B. Lambie	Sand	25.1
	Church & Stephenson	Lumber Drawings	58.2
1	Geo. E. Howard	Drawings	100.0
	The McDermott Carriage Co	Buggy Printers' supplies Nails	180.0
	Geo. F. Muth & Co.	Printers' supplies	122.0 56.9
	Jas. B. Lambie	Nails	56.9
	do. The Chesapeake and Ohio Rwy. Co Chicago, Burlington and Quincy R. R. Co The Oregon R. R. and Navigation Co Chicago, Milwaukee and St. Paul Rwy. Co Northern Pacific Rwy. Co. Burlington and Missouri River R. R. in	Iron	2.1 27.0
1	The Chesapeake and Ohio Rwy. Co	Passenger transportation	27.0
	Chicago, Burnington and Quincy R. R. Co	do	24.7 11.5
	The Oregon R. R. and Navigation Co	do	11.
- 1	Chicago, Milwaukee and St. Paul Rwy. Co.	do	20.8
	Northern Pacific Rwy. Co	do	11.3
	Burlington and Missouri River R. R. in	do	28.9
	neor.		
	Atlanta, Knoxville and Northern Rwy. Co	do	4.
- 1	The Cleveland, Cincinnati, Chicago and St.	do	64.0
-1	Louis Rwy. Co.		
	Galveston, Harrisburg and San Antonio	do	48.
	Rwy. Co.		
	Intermedianal and Chart Monthern P. P. Co.	do	4.
	Pennsylvania R. R. Co	do	
	Hannibal and St. Joseph R. R. Co	do	1.
	Pennsylvania R. R. Co	do	11.
	Lake Shore and Michigan Southern Rwy.	do	
	Co.		
	The Atchison, Topeka and Santa Fe Rwy.	do	23.
	Co.		
J	Star Union Line	do	
	do	do	1.
	do New York, Chicago and St. Louis R. R. Co Lake Shore and Michigan Southern Rwy.	do	1.
	Lake Shore and Michigan Southern Rwy.	do	
	Co.		
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	4.
	Chicago, Milwaukee and St. Paul Rwy. Co. Chicago, Rock Island and Pacific Rwy. Co.	do	
	do Chicago and Northwestern Rwy.Co The J. C. Ergood Co The Geo. W. Knox Express Co	do	
	Chicago and Northwestern Rwy, Co	10	3.
28	The J. C. Ergood Co	Sapolio. Transportation	2. 1.
	The Geo. W. Knox Express Co	Transportation	1.
	A. E. de Schweinitz Rudolph, West & Co Jas. D. Topham	Office expenses Chamois skins, etc Extension case	37.
	Rudolph, West & Co	Chamois skins, etc.	44.
	Jas. D. Topham	Extension case	1.
	Lutz & Co	Curry hoof pads	25.
	Lutz & Co Helen H. Brooke, executrix	Hay cutter Pencils Grindstone, etc	30.
	Fred. A. Schmidt Helen H. Brooke, executrix Western Union Telegraph Co do	Pencils	1. 7.
	Helen H. Brooke, executrix	Grindstone, etc	7.
	Western Union Telegraph Co	Services	11.
	do	do	5. 17.
	do	do	17.
	do	do	11.
	do	do	18.
29	- do do - do - do - do - do - do - do -	do Traveling expenses do Salaries Microscope, etc Traveling expenses	24
	G. W. Ward	do	13. 3, 939.
31	Marion Dorset et al	Salaries	3, 939.
ne 3	Wm. Krafft	Microscope, etc	107.
	M. J. Myers	Traveling expenses	52.
	Clara E. Townsend	do Fire extinguishers, etc Feed Passenger transportation	107. 52. 7.
	W. H. Beck A. Wilson & Bro Southern California Rwy Co	Fire extinguishers, etc	186.
	A. Wilson & Bro.	Feed	1,787.
4	Southern California Rwy Co	Passenger transportation	1,787.
1	Union Pacific R. R. Co	do	28.
	Chicago, Rock Island and Pacific Rwy. Co.	do	13.3
	Pennsylvania R. R. Co	do	80. 17.
	The Missouri Pacific Rwy. Co	do	17.5
	Pittsburg, Cincinnati, Chicago and St.	do	14.0
	Louis Rwy. Co.		
	Pere Marquette R. R. Co	do	6.9
	Washington Gaslight Co	Gas	39.
5	Geo. S. Hickox	Traveling expenses	39. 38. 550.
6	M. B. Niles et al.	Salaries	550.
	M. H. Rose et al	do	1,011.3
1	Union Pacific R. R. Co. Chicago, Rock Island and Pacific Rwy. Co. Pennsylvania R. R. Co. The Missouri Pacific Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Pere Marquette R. R. Co. Washington Gaslight Co. Geo. S. Hickox M. B. Niles et al. M. H. Rose et al. C. A. Schauffer et al. H. J. Washburn H. N. Waller et al. W. J. Murphy et al. Julius Huelsen et al.	do	985.
	H. A. Hedrick et al	do	484. (
	H J Washburn	Services	102.2
	H N Waller et al	Salaries	2.787
7	W.J. Murphy et al	do	2,787. 180.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1901. June 7	Saml. J. Hendren E. L. Volgenau C. L. Morin H. D. Mayne Jno. A. Bell H. T. Potter Fredk. Braginton, et al W. H. Gibbs et al Saml. E. Cosford et al Joshua Miller et al T. A. Shipley et al J. C. Milnes et al Frank D. Ketchum et al E. P. Schaffter et al Boyd Baldwin et al Albert Dean et al R. J. Blanche H. D. Parson L. J. Allen		5440.0
June 7	Sami. J. Hendren	Services	\$119.20 119.20 96.00
	C. L. Morin	do	96.0
	H. D. Mayne	do	102. 20 32. 00
	Jno. A. Bell H T Potter	0D	32.00 8.00
	Fredk. Braginton, et al	Salaries	8.00 180.6
	W. H. Gibbs et al	do	163, 60
	Joshua Willer et al	do	180.60 296.70
	T. A. Shipley et al	do	333.80
	J. C. Milnes et al	do	123. 6
	E. P. Schaffter et al	do	875.66 556.1
	Boyd Baldwin et al	do	
	Albert Dean et al	Souvices	602.0
	H. D. Parson	dodo	119. 2
	L. J. Allen	do	119. 2 119. 2 119. 2
	F. T. Shannon	do	119.2
	Thos. A. Bray	do	119.2
	P. I. Kershner	do	119.2
	Thos, Castor	do	119. 20 119. 20 119. 2 102. 2
	Dan McCunningham	do	102. 2 102. 2
	Jos. W. Parker	do	102.2
	W. E. Hill	do	102. 2 102. 2 102. 2 102. 2 102. 2 102. 2
	Louis Metsker	do	102.2
	B. W. Murphy, jr	do	102.2
	Geo. C. Mosher	do	102.2
	M. B. Miller	do	102. 2
	W.J. Shaw	do	102.2
	A. M. Rork	do	102.2 102.2 102.2 76.6 73.0 282.8 182.4
8	Geo. C. Faville et al	Salaries	282.8
	H. P. Armsby et al	do	182.4
	N. K. Fegley et al.	do	180.6
	F. W. Huntington et al	do	154.2
	Ira K Atherton et al	do	431.6 184.2
	Jos. M. Good et al.	do	163. 6
	M.O. Anderson	Services	163. 6 119. 2 85. 2
	R. A. Ramsav	do	102. 2
	A. J. Pistor	do	102. 2 102. 2 119. 2 102. 2
	A. A. Holcombe	do	119.2
	W. B. Lincoln	do	119.2
	D. Cumming	do	60.0
	F. W. Hopkins	Salaries	60.0 207.8 119.2
	F. T. Dolan	do	119.2
	Albert Dean et al R. J. Blanche H. D. Parson L. J. Blanche H. D. Parson L. J. Allen F. T. Shannon H. B. Adair Thos. A. Bray P. I. Kershner Thos. Castor Geo. W. Browning. Dan McCunningham Jos. W. Parker Geo. E. Totten W. E. Hill Louis Metsker B. W. Murphy, jr Wm. D. Jorden Geo. C. Mosher M. B. Miller W. J. Shaw H. L. McDonald A. M. Rork Geo. C. Faville et al H. P. Armsby et al Edw. P. Dowd et al F. W. Huntington et al F. W. Huntington et al F. W. Ainsworth et al Ira K. Atherton et al Jos. M. Good et al M. O. Anderson James Irwin R. A. A. Holcombe Geo. S. Hickox W. B. Lincoln D. Cumming R. P. Steddom et al F. W. Hopkins F. T. Dolan M. J. Myers W. P. Ellenberger Jas. M. Turner W. M. Soster A. J. Payne et al Lewis R. Baker et al T. J. Turner et al N. C. Sorensen et al M. C. Hompson et al Clarence Loveberry Loss Vally et al Clarence Loveberry Loss Stelly et al Clarence Loveberry Loss Stelly et al Clarence Loveberry Loss Stelly et al Clarence Loveberry Loss Stelly et al Loss	do	119.2 119.2 102.2 102.2 76.6
	Jas. M. Turner	do	76.6
	W. M. Foster	do	61.4
	A. J. Payne et al	Salaries	61. 4 1, 079. 1 1, 194. 2
	Jno. Forbes et al	do	2,668.6
10	Geo. L. McKay	Services	200. 0 4, 134. 8
10	Lewis R. Baker et al	Salaries	4, 134. 8 918. 6
	T. J. Turner et al	do	918. 6 850. 0 1, 755. 6 1, 100. 8 1, 180. 7 178. 8 2. 1 257. 2 186. 6
	N. C. Sorensen et al	do	1,755.6
	Wm. Thompson et al A. E. Behnke et al Clarence Loveberry et al Clarence Loveberry Jas. S. Kelly et al L. K. Green et al Chas. H. Stevens E. C. Schroeder J. J. Brougham et al	do	1, 100. 8
	Clarence Loveberry et al	do	178.8
	Clarence Loveberry	Office expenses	2.1
	L. K. Green et al	balariesdo	186.6
	Chas. H. Stevens	Services	73. 0 6. 3
11	E. C. Schroeder	Office expenses	6.3
11	Rice P. Steddom Chas. E. Steel	Salaries Office expenses Traveling expenses	2, 153. 7 7, 5
	Chan to Stool	Traveling expensesdo	7.5 9.0

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

ate.	Name.	Nature of payment.	Tota
001.			
ne 11	A. E. Behnke W. R. Dennis Chas. M. Day	Use horse Traveling expenses	\$3 1 2 1 1 1 2 5 2
	W.R.Dennis	Traveling expenses	1
	Chas. M. Day	do	2
	do	Office expenses	1
	J. C. Milnes	do	
	W. A. Savage	Traveling expenses	1
	A. J. Pistor	do	
	W.B. Niles	do	. 1
	Samuel E. Costora	Use norse	2
	A Perman	Trac house and hygger	9
	Goo W Butlon	do do	2
12	E. W. Barthold et al	Office expenses do do Traveling expenses do do Use horse Butter Use horse and buggy do do Salaries do	1.61
2.14	Morris Wooden et al	do	6,30
	Jas. Johnson et al	do	1,49
	do J.C. Milnes W. A. Savage A. J. Pistor W. B. Niles Samuel E. Cosford Albert Lea Dairy Association A. Bauman Geo. W. Butler E. W. Barthold et al Morris Wooden et al Jas. Johnson et al A. G. G. Richardson et al C. H. Zink et al D. L. Morin H. D. Mayne	do	2 3 1,61 6,30 1,49 85 1,85
	C. H. Zink et al	Traveling expenses	1,85
	C. L. Morin	Traveling expenses	
	H.D. Mayne	do	2
	H. T. Potter	do	11
	do vy . w ard	do Services Traveling expenses	11 1
	C. L. Morin H. D. Mayne H. T. Potter G. W. Ward do Chas. Cowie F. M. Perry do Church & Stephenson	Traveling expenses	
	F M Perry	Services	11 2 1, 24
	do	Traveling expenses	2
	Church & Stephenson	Lumber	1.24
	do	do	64
13	O. E. Dyson et al.	Salaries	1, 24 64 8, 17 1, 12 10 10
	Herman Busman et al	do	1,12
	M.S. Lantz	Services	10
	Frank Parker	do	10
	J. Otis Jacobs	00	11
	Goo W Putlon	do	10
	Lavi P Rogeby	do	10
	C. H. Bughee	do	10
	A.P. Morse	do	îĭ
	R. H. Treacy	do	11 17 10 10 10 11 10 4
	Hugh M. Rowe	do	10
	Jno. F. Deadman	do	4
	Jno. McBirney	do	13
	David C. Hanawait	00	10
	W.E. HOWE	do	11
	Frank C Folle	do	6
	F T Snit	do	2
	S. E. Bennett et al	Salaries	6.13
	A. R. Wake et al	do	1,09
	L. Enos Day et al	do	18
	W.J. Stewart et al	do	86
	N. C. Sorensen et al	do	42
	Geo. Ditewig et al	do	27
	W. C. Barth et al	Popaining ico how	13 10 11 11 11 6 6, 13 1, 09 18 86 42 27 52
	Thos Somerville & Sons	Sheet lead atc	9
14	O. B. Hess et al	Salaries	3 18 11
AT	Robt, Darling et al	do	11
	Chas. Keane et al.	do	45
	E. N. Hutchinson et al	do	29
	Geo. S. Baker et al	do	42
	do	Traveling expenses	45 29 42
	Wm. C. Honan	do	2
	Lilas Gilmore	do	4
	R A Rameay	do	2
	A R Morse	do	ð
	M.S. Lantz	do	4
	Lowell Clarke	do	4 3 4 5
	D. R. Hodges	do	5
	Frank Parker	do	5 8
	Murray J. Myers	do	6
	F. W. Hopkins	do	1
	Fredk. T. Dolan	do	1
	Wm. G. Shaw	do	7
	Charch & Stephenson do O E. Dyson et al. Herman Busman et al M.S. Lantz Frank Parker J. Otis Jacobs W. S. Devoe Geo. W. Butler Levi P. Beechy C. H. Bugbee A. P. Morse R. H. Treacy Hugh M. Rowe Jno. F. Deadman Jno. McBirney David C. Hanawalt W. E. Howe Lowell Clarke Frank C. Eells F. T. Suit S. E. Bennett et al A. R. Wake et al L. Enos Day et al W. J. Stewart et al N. C. Sorensen et al Geo. Ditewig et al W. C. Barth et al Ernest Betz Thos. Somerville & Sons. O. B. Hess et al Robt. Darling et al Chas. Keane et al Geo. S. Baker et al Geo. S. Baker et al L. A. A. Hutchinson et al Geo. S. Baker et al L. B. N. Hutchinson et al Geo. S. Baker et al L. B. N. Hutchinson et al Geo. S. Baker et al L. B. N. Hutchinson et al Geo. S. Baker et al Louel Clarke R. A. A. Holcombe R. A. A. Ramsay A. A. B. Morse M. S. Lantz Lowell Clarke D. R. Hodges Frank Parker Murray J. Myers F. W. Hopkins Fredk T. Dolan Wm. G. Shaw Robt H. Treacy National Electric Supply Co The Chesapeake and Potomac Telephone Co. Eimer & Amend	Gampling	6 1 1 7 4
	National Electric Supply Co	Supplies	
	The Chesapeake and Potomac Telephone	moving telephone	
	Co		

te.	Name.	Nature of payment.	Total.
)1.			
14	United States Envelope Co	Envelopes Traveling expenses	\$157.
	Henry J. Washburn R. Carter Ballantyne Mackall Bros Rudolph, West & Co Wyckoff, Seamans & Benedict Z. D. Gilmando A. Wilson & Bro	Traveling expenses	3. 1.
15	R. Carter Ballantyne	Sponge cup, etc Supplies Hardware Repairs to typewriters Supplies Thermometers, etc	1.
	Mackall Bros	Supplies	179.
	Wyakoff Saamans & Banadiat	Rangire to typewriters	91.
	Z D Gilman	Supplies	13. 112. 89.
	do	Thermometers, etc.	89.
	A. Wilson & Bro.	Goats	10. 603.
	W. M. Galt & Co	Feed for animals	603.
17	do A. Wilson & Bro. W. M. Galt & Co Roy N. Drake Harry D. Paxson Frank T. Shannon Thos. A. Bray. Geo. E. Totten A. C. Hart W. E. Hill Hugh Reilly	Traveling expenses	23. 10.
	Harry D. Paxson	do	10.
	Frank T. Snannon	do	21. 9.
	Coo F Totten	do	6.
	A C Hart	do	5.
	W. E. Hill	do	1.
	Hugh Reilly G. W. Marshe	Glass Services	31.
	G. W. Marshe	Services	31. 2.
	Smith & Pomeroy	do	85.
	Smith & Pomeroy Rice P. Steddom Wm. E. Pratt Goes Lithographing Co.	Traveling expenses	66.
	Wm. E. Pratt	Hog ringers, etc	581.
18	Goes Litnographing Co.	Meat-inspecting stamps	170.
18	Toole A. Geddes Mittag & Volger Einer & Amend	Services Carbon paper Supplies Tripods	9.
	Eimer & Amend	Supplies	15.
		Tripods	1.
	Bausch & Lomb Optical Co Electro-Tint Engraving Co The Chesapeake Electric Co Whitall, Tatum & Co	Tubes Illustrations Supplies	314.
	Electro-Tint Engraving Co	Illustrations	330.
	The Chesapeake Electric Co	Supplies	40.
	Whitall, Tatum & Co	Flasks Supplies do Tags	40.
	Danis Manufastoria C	Supplies	5. 10.
	Dennison Manufacturing Co	Togg	10.
	do Dennison Manufacturing Co do Eberhard Faber	Bands	11. 41
	American Ice Co	Ice	19.
	The Standard Brick Co	Paving brick	130
	American Ice Co The Standard Brick Co Chas. Becker	Oil	130 12.
	Wm. Lochte Henry E. Alvord D. E. Salmon E. A. de Schweinitz	Shoeing horses, etc	13.
	Henry E. Alvord	Traveling expenses	33.
	D. E. Salmon	do	40. 27.
	G. E. Patrick	Transling expenses	21.
19		do	15.
10	A. H. Richards Hanford-Hazlewood Cream Co	Traveling expensesdoButter	31.
	C. E. Udell & Co	Cheese	31 22
	Chicago Car Seal and Manufacturing Co	Crimped wire and tags	64.
	do	Tags	3.
	A.P. Little	Paper, ink, etc	5.
	Saml. Chamberlain	Stallion	20.
	Wm Shannon	Horses	25. 70.
	B. W. Murphy, ir	Traveling expenses	30.
	Monroe B. Miller	do	35
	Dan McCunningham	do	25.
	Jos. W. Parker	do	25. 22.
	Chas. A. Brown	do	53.
	Peter I. Kershner	do	31.
	L. J. Allen	do	36.
	C. M. McFowland	do	39. 41.
	W R Moses & Sons	Furnitura	70.
	Chas. R. Edmonston	Pans	5
	United Typewriter and Supplies Co	Typewriters	5. 390
	Thos. Somerville & Sons	Cement, etc	117.
	A. Wilson & Bro.	Cows	57.
	Jas. B. Lambie	Cows Chain, etc Hardware	57. 26. 12.
20	A. H. Richards. Hanford Hazlewood Cream Co C. E. Udell & Co Chicago Car Seal and Manufacturing Co do A. P. Little Saml. Chamberlain Chas. W. Denton Wm. Shannon B. W. Murphy. jr Monroe B. Miller Dan McCunningham Jos. W. Parker Chas. A. Brown Peter I. Kershner L. J. Allen W. E. Howe C. M. McFarland W. B. Moses & Sons Chas. R. Edmonston United Typewriter and Supplies Co Thos. Somerville & Sons A. Wilson & Bro Jas. B. Lambie Jos. Lausin Mational Stock Yards.	Hardware	12.
20	F D Ketchum	Rent Use horse and buggy	50. 20.
	F. D. Ketchum Chas. Keane Per Ehrenheim	do	20. 25.
	Per Ehrenheim	Rent	30.
	S. E. Bennett	I go horeo	23.
	Jas. W. Davis	Use horse and buggy	18.
	S. E. Bennett Jas. W. Davis Jos. M. Good	Use horse and buggy Traveling expenses Office expenses	2.
	do	Office expenses	
	Boyd Baldwin Don C. Ayer Jno. McBirney	do	5. 1.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BUREAU OF ANIMAL INDUSTRY—SALARIES AND EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
L901.			
ine 20	Wm. D. Jorden	Traveling expenses	\$54.
	Coo (1 Moson	do	0.5
	Thos Castor W. H. Wray do	Services Traveling expenses Office expenses	138. 387. 17.
	W. H. Wray	Services	387.
•	00	Traveling expenses	17.
	do Caroline Burnaby J. F. Ryder	Office expenses	4. 40.
	T F Rydon	Services do Traveling expenses	170.
	J. F. Ryderdo	Traveling expenses	47.
	A. F. Martins	do	18.
	W. H. Rose	Office expenses	26.
	Tooie A. Geddes	Office expenses Traveling expenses	18. 26. 63.
	Chas. Cowie	Services	136.
	Rosemary Creamery Co	Butter Office expenses	162. 4.
	Julius Huelson	Office expenses	4.
	A. G. G. Richardson	Use saddle horse	6.
	O. E. Dyson	Use saddle norse	15.
	O.C. Athantan	Office expenses Traveling expenses Use saddle horse Use horse and wagon	7. 24.
	C W Pant	Use saddle horse	15
	H W Howley	Use horse and wagon	39
	do	Use horse and buggy	23
	Frisby T. Suit	Use horse and buggy Traveling expenses	39. 23. 25.
	D. C. Hanawalt	do	69.
	Saml. E Cosford.	do	18.
	O. E. Dyson do O. G. Atherton S. W. Burt H. W. Hawley do Frisby T. Suit D. C. Hanawalt Saml. E Cosford Wm. P. Ellenberger Geo. S. Hickox W. S. Cass do	do	18. 46.
	Geo. S. Hickox	Office expenses Horse feed Traveling expenses	75
	W. S. Cass	Office expenses	2.
	do	Horse feed	2. 10. 37.
	W. S. Cass do S. W. Burch C. N. Stevens	Traveling expenses	37.
21	C. N. Stevens	Calf Use horse	15.
	On C. Ayer A. G. G. Richardson Occidental and Oriental	Use norse	15. 38.
	A. G. G. Kichardson	Enoight	20.
	E H I crell & Co	Use horse and buggy Freight Time-detector clocks	
	Goo D Hall & Son	Photographe	4
	Geo. P. Hall & Son. Wm. Kraft. Pearre E. Crowl Co.	Microscope stand	188
	Pearre E Crowl Co	Type	26.
	J. T. Woodhouse Library Bureau Western Union Telegraph Co	Time-detector clocks Photographs Microscope stand Type Plow, etc Cardcase Telegraph service do	188. 26. 12. 47.
	Library Bureau	Cardcase	47.
	Western Union Telegraph Co	Telegraph service	20.
	do	do	IT.
		do	11.
22	W. R. Fleming Louis Metsker C. N. Bugbee Edw. S. Schmidt	Traveling expensesdo	15. 6.
	Louis Metsker	QD	71.
	C. N. Bugoee	Dyong and food	14
	Edw. S. Schillet	Repairing skylight	14. 12.
	Ernst Betz R. A. Pearson Eimer & Amend	Butter	4.
24	Eimer & Amend	Supplies	5
	R. A. Pearson	Traveling expenses	50. 1,846. 103.
	A. Wilson & Bro	Forage	1,846.
	W. B. Moses & Sons	Furniture	103.
	The Geo. W. Knox Express Co	do Prepared feed Repairing skylight Butter Supplies Traveling expenses Forage Furniture Drayage Traveling expenses do do	12. 17. 10.
	E. N. Hutchinson	Traveling expenses	17.
	J. M. Sommer	do do	10.
	Emer & Amend R. A. Pearson A. Wilson & Bro W. B. Moses & Sons The Geo. W. Knox Express Co E. N. Hutchinson J. M. Sommer Frank B. McCall E. T. Davison		18. 102. 268.
	E. T. Davison	Services. Lead disks, tags, etc Passenger transportation Transportation	268
25	Chicago Car Seal and Manufacturing Co Galveston, Harrisburg and San Antonio	Passenger transportation	5
40		Transportation	5.
	Chicago Rock Island and Pacific Rwy, Co		
	Chicago, Rock Island and Pacific Rwy. Co Harry E. Overstreet do do	do	
	do	do	
	do	do	1.
	do	do	
	— do	00	
			4.
	Co.	do	
	Missouri Pacific Kwy. Co	do '	2.
	Missouri Pacific Rwy. Co	do	4.
	Tonic Prys Co.	uo	1
	Louis Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co	do	
	do	do	1.
	Burlington and Missouri River R. R. in	do	
	Nebraska.		
	Nebraska Star Union Line Illinois Central R. R. Co Louisville and Nashville R. R. Co	do	
	Illinois Central R. R. Co	do	

ate.	Name.	Nature of payment.	Total
901.			
ne 25	Illinois Central R. R. Co	Transportation	\$1. 2. 75.
	W S Doyles	Traveling appares	75
	E. N. Hutchinson	Office expenses	18
	do W.S. Devoe E. N. Hutchinson Margaret Burke Fremont, Elkhorn and Missouri Valley R.R. Co.	- do Traveling expenses Office expenses Traveling expenses Passenger transportation	18 20
	Fremont, Elkhorn and Missouri Valley	Passenger transportation	3.
	R.R.Co.		11
	The Oregon Railroad and Navigation Co The Chicago, Burlington and Quincy R. R. Co.	dodo	11. 3.
	The Rio Grande and Western Rwy, Co	do	22
	Oregon Short Line R. R. Co	do	22 23
	The Rio Grande and Western Rwy. Co Oregon Short Line R. R. Co Gulf, Colorado and Santa Fe Rwy. Co Nashville, Chattanooga and St. Louis Rwy.	do	8.3
	Co. The Atchison, Topeka and Santa Fe Rwy. Co.	do	8
	Savannah, Florida and Western Rwy, Co	do	6
27	L. S. Ropiequet W. R. Dennis	Traveling expenses	6 2 12
	W. R. Dennis		12
	Washington Gaslight Co United States Electric Lighting Co Irvine Frickey	Gas	38
	Invine Frield	Electric current Traveling expenses	18
	Hugh Reilly	Zinc	18
	United States Express Co	Zinc Transportation	14
29	United States Express Co	Salaries	4,236
	Jas. K. Kerr, Jr	Services	87
	Total, fourth quarter		250,740
0	Supplemental.		
у 2	W. H. Thomas E. A. de Schweinitz	Services	41 88 9
	R. W. Hickman	Traveling expensesdo	9
	R. W. Hickman S. R. Burch Edw. B. Markham	do	20
	Edw. B. Markham	Hogs Repairs to wagon	182
	Wm. Lockte A. Wilson & Bro Mackall Bros	Repairs to wagon	9
	Machall Rros	Corks ato	60 63
	T. W. Brown Parrish-Erickson Hardware Co Goode & Esden	Corks, etc	4
	Parrish-Erickson Hardware Co	Water cooler, etc	5
	Goode & Esden	Spray pumps	49
	Toyo Kisan Kaisha	Freight	46 39
5	F. W. Huntington et al.	Salaries	148
	Nathan K. Fegley et al	do	148 174
	H. A. Hedrick et al	do	468
	W. H. Rose et al	do	468 1,017 657
	A G G Richardson at al	do	841
	Jas. Johnston et al	do	1,501
	Joshua Miller et al	do	245
	R. P. Steddom et al	do	245 201
	A F Robble et al	do	1 000
	Mackall Bros T. W. Brown Parrish-Erickson Hardware Co Goode & Esden M. R. Calkins Tovo Kisen Kaisha F. W. Huntington et al Nathan K. Fegley et al H. A. Hedrick et al W. H. Rose et al Julius Huelsen et al A. G. G. Richardson et al Jas. Johnston et al Joshua Miller et al R. P. Steddom et al Fredk. Braginton et al A. E. Behnke et al E. P. Sheddom et al G. H. Parks E. L. Volgenau H. D. Mayne W. P. Ellenberger F. W. Hopkins Joseph M. Turner W. M. Foster H. J. Washburn Asa N. McQueen F. T. Dolan Murray J. Myers T. S. Buck Adams Express Co M. B. Miller H. L. McDonald Harry D. Paxson Wm. D. Jorden Jos. W. Parker A. C. Hart Dan McCunningham Wm. G. Shaw Geo. E. Totten Geo. W. Browning.	do	174 1,088 538
	G. H. Parks	Services	115
	E. L. Volgenau	do	115
	H. D. Mayne	do	98
	W. F. Ellenberger	ao	98 115
	Joseph M. Turner	do	74
	W. M. Foster	do	74 59
	H. J. Washburn	do	107
	Asa N. McQueen	do	20
	Murray I Wyore	do	115 98
	T.S. Buck	Special patented flexible mounts	90
	Adams Express Co	Transportation	8 56 72
6	M. B. Miller	Services	72
	H. L. McDonald	do	74 92
	Wm D Jorden	do	92 98
	Jos. W. Parker	do	98
	A. C. Hart	do	98
	Dan McCunningham	do	98
	Wm. G. Shaw	do	98 98
		(10)	948

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1901. 1y 6	Harry B Adair	Services	\$115.
iry o	Harry B. Adair P. I. Kershner Frank T. Shannon R. J. Blanche	do	115. 115. 115.
	Frank T. Shannon	do	115.
	R. J. Blanche	do	115.
	L. J. Allen Thos. Castor Thos. A. Bray Frank E. Emery Albert Dean et al The American Distributing Co. Miller Lock Co. Kehoe Livery and Trucking Co Johnson Electric Service Co E. B. Jones Eimer & Amend C. L. Morin	do	115. 115. 115.
	Thos A Prov	do	115.
	Frank E. Emory	do	350.
	Albert Dean et al	Salaries	751.
	The American Distributing Co	Alcohol	751. 22. 35.
	Miller Lock Co	Padlocks, etc	35.
	Kehoe Livery and Trucking Co	Magon, etc. Mechanical stages. Traveling expenses Mufflers, etc. Services	120.
	Johnson Electric Service Co	Mechanical stages	120. 192. 83.
8	Eimer & Amend	Mufflers ate	6.
O	C. L. Morin	Services	44.
	W. A. Thomas	do	123.
	W. A. Thomas A. A. Holcombe	do	123. 115.
	Louis Metsker	do	98. 98. 98.
	R. A. Ramsay	do	98.
	Louis Metsker R. A. Ramsay Robt. H. Treacy Jas. Irwin	00	98.
	H C Johnson	do	27
	Geo. C. Faville et al	Salaries	82. 27. 273. 407.
	Alfred F. Martins et al	do	407.
	L. R. Baker et al	do	891.
	Jas. Irwin H. C. Johnson Geo. C. Faville et al Alfred F. Martins et al L. R. Baker et al W. J. Stewart et al W. J. Stewart et al W. J. Stewart et al Jas. S. Kelly et al Jas. S. Kelly et al Houghton & Delano. L. S. Depue Wm. H. Rupp, agent. Wagner Typewriter Co. Hugh Reilly do Fred A. Schmidt Bausch & Lomb Optical Co. Star Union Line do	do	817. 660.
	W.B. Niles et al	do	660.
	les S Volly et al	do	263. 248
9	Houghton & Delano	Materials	147
	L. S. Depue	Oats	248. 147. 19.
	Wm. H. Rupp, agent	Envelopes	21, 89.
	Wagner Typewriter Co	Typewriter	89.
	Hugh Reilly	Glass	13.
	Enod A Colomida	Plue manon	222. 16.
	Rausch & Lomb Ontical Co	Cylinders	222
	Star Union Line	Transportation	16.
	do	do	
	dodoNew York, New Haven and Hartford R. RCo.	do	4.
	New York, New Haven and Hartford R. R.	do	1.
	Burlington and Missouri River R. R. in	do	3.
	Nebraska.		0.
	Lake Shore and Michigan Southern Rwy.	do ,	
	Co		
	Grand Trunk Rwy. System	do	۰.
	Pennsylvania Co	do	3.
	Illinois Central R. R. Co	do	2.
	Lehigh Valley R. R. Co	do	
	Pennsylvania R. R. Co	Passenger transportation	45.
	Michigan Central R. R. Co	Transportation	
	Louis Park Co.	do	
	Chicago Rurlington and Oningy R. P. Co.	do	
	dodo	do	1.
	Missouri Pacific Rwy. Co	do	9
	Union Pacific R. R. Co	Passenger transportation	9.
10	O. E. Dyson et al	Salaries	7,965.
	Morris Wooden et al.	00	5,280.
	C H Zink et al	do	7, 965. 6, 280. 5, 828. 721.
	E.P. Dowd et al	do	174.
	H. P. Armsby et al	do	174. 176.
	W.J. Murphy et al	do	174. 2, 569.
	H. N. Waller et al	do	2, 969.
	A. J. Payne et al	do	939. 842.
	W. S. Cass et al	do	1,155.
	H. G. Moore et al	do	1,155, 1,250. 2,002.
	Jas. J. Brougham et al	do	2,002.
	L. E. Day et al	do	174.
	Boyd Baldwin et al	do	614. 822.
	Pennsylvania Co	do	822. 158.
	Ino W Athenton of al	do	177.

ate.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
901.		~ 1	A # 20
y 10	Jno. C. Milnes et al. Herman Busman et al.		\$529.
	I V Skinner et al	do	208
	Herman Busman et al J. K. Skinner et al L. K. Green et al F. W. Ainsworth et al F. L. Russell Jno. A. Bell Wm. F. Lavery W. B. Lincoln W. C. Barth	do	8529. 850. 208. 234. 416. 42. 32. 98.
	F. W. Ainsworth et al	do	416.
	F. L. Russell	Traveling expenses	42.
	Jno. A. Bell	Services	32.
	Wm. F. Lavery	do	98. 115.
	W. C. Barth	do	115.
	W.C. Barth	do	115. 98.
	F. T. Suit	do	98.
	Clinton H. Bugbee. D. Frank Parker W. B. Moses & Sons J. Otis Jacobs W. R. Fleming W. G. Shaw A. A. Holcombe	do	98.
	D. Frank Parker	Typewriter paper	26.
12	I Otic Jacobe	Traveling expenses	394. 31.
1.0	W. R. Fleming	do	39.
	W. G. Shaw	do	96.
	A. A. Holcombe	do	39. 96. 15.
	C. P. Staines	do	30. 110.
	C. P. Staines Hugh M. Rowe H. G. Moore R. M. Mahana	do	110.
	R. M. Moore	do	6.
	R. M. Mahana. Clarence Loveberry Harry K. Walter E. P. Schaffter S. E. Bennett M. B. Miller Harry B. Adair Geo. C. Moser Thos. Castor Geo. E. Totten W. B. Niles H. D. Mayne E. L. Volgenau	do	4.
	Harry K. Walter	do	6.
- 1	E. P. Schaffter	do	2.
- 1	S. E. Bennett	do	9.
	M. B. Miller	do	ĩ.
	Geo C Moser	do	13. 27.
	Thos. Castor	do	40
	Geo. E. Totten	do	12. 23. 18.
	W.B. Niles	do	23.
	H.D. Mayne	do	18.
	Pobt Douling	Office or popular	23.
	E. L. Volgenau. Robt. Darling.	do	1.
	do	do	1. 6.
	do T. J. Shipley et al	Salaries	323. 4, 020. 709.
	Don C. Ayer et al.	do	4,020.
	K. W. Tuck et al.	Couries	109.
	Hervey T Potter	do	88. 6.
	Chas. Cowie	do	136.
	do T. J. Shipley et al. Don C. Ayer et al. R. W. Tuck et al. F. L. Russell Hervey T. Potter Chas. Cowie Saml. G. Hendren F. M. Perry	do	115.
	F. M. Perry	do	115.
	Toole A. Geddes	do	164. 115.
	Wm Vonner	do	7.1
	B. A. Galligan	do	1.
	Geo. S. Hickox	do	98.
	E. A. Bundy	do	22.
	D. C. Hanawalt	do	74. 1. 98. 22. 98.
	W.E. HOWE	do	110.
	Jno. McBirney	do	115. 131.
	M. S. Lantz	do	98.
	D. Cumming	do	. 70.
	Frank A. Ewing	do	46
	W. R. Dennis	do	74. 52. 72. 115.
	A T Pictor	do	92.
	M. O. Anderson	do -	115.
	Geneveve Petrie	do	Э.
	Lowell Clarke	do	115.
	A. B. Morse.	do	115.
13	F I. Russell	do	164.
10	David R. Hodges	do	24. 74. 98.
	Frank Parker	do	98.
	Thos. Redmond	do	39.
	Roy N. Drake	do	98.
1	Hugh M. Kowe.	Cumpling	98. 38.
	Rudolph West & Co	do	58. 57.
		uo	31.
	do	Hardware	19
	Chas. Cowie Saml. G. Hendren F. M. Perry Tooie A. Geddes G. W. Ward Wm. Yenner B. A. Galligan Geo. S. Hickox E. A. Bundy D. C. Hanawalt W. E. Howe J. Otis Jacobs Jno. McBirney M. S. Lantz D. Cumming Frank A. Ewling W. R. Dennis Jno. H. McNeall A. J. Pistor M. O. Anderson Geneveve Petrie Lowell Clarke A. B. Morse. W. S. Devoe F. L. Russell David R. Hodges Frank Parker Thos. Redmond Rudolph, West & Co do Jno. C. Parker Mackall Bros Thos. Somerville & Sons Thos. Somerville & Sons	Hardware Copyholders, etc Laboratory supplies Pipes, etc	19. 11. 17.

 $Expenditures of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901 - {\tt Cont'd.}$

Date.	Name.	Nature of payment.	Total.
1001	Supplemental—Continued.		
1901. July 13	Thos. Somerville & Sons	Hydrants, etc	\$34.94
bury 10	Thos. Somerville & Sons do Louis A. Robinson et al Jno. Forbes et al N. C. Sorensen et al A. R. Wake et al Wm. Thompson et al Frank D. Ketchum et al Geo. S. Baker et al Chas. Keane et al E. N. Hutchinson et al Robt. Darling et al Frank B. McCall et al Saml. E. Cosford et al O. B. Hess et al W. H. Gibbs et al Clarence Loveberry et al Thos. Somerville & Sons Houghton & Delano The Evening Star Newspaper Co The Times Co	Basins, etc	26.25
	Louis A. Robinson et al	Salaries	26. 25 1, 350. 35
	Jno. Forbes et al	do	2, 461. 35 1, 666. 46
	N. C. Sorensen et al.	do	1,666.46
	Wm Thompson et al	do	1,073.79 1,012.81 847.20 413.80
	Frank D. Ketchum et al	do	847.20
	Geo. S. Baker et al.	do	413.80
	Chas. Keane et al	do	418.40
	E. N. Hutchinson et al.	do	418.40 325.60 273.60
	Frank B McCall et al	do	115 40
	Saml. E. Cosford et al	do	115. 40 174. 70 174. 70 158. 20 158. 20
	O. B. Hess et al	do	174.70
	W. H. Gibbs et al	do	158.20
	Clarence Loveberry et al	Ding outton oto	158.20
	Houghton & Delano	Sood plates etc	4. 25 28. 77 9. 30
	The Evening Star Newspaper Co	Advertising	9.30
	The Times Co	do	11. 20 60. 16 330. 00
16	Bausch & Lomb Optical Co	Camel-hair brushes, etc	60. 16
	Electro-Tint Engraving Co	Impressions of chickens	330.00
•	Page Woven Wire Fence Co	Wire fonce atc	811 25
	R. A. Ramsay	Traveling expenses	4.75
	The Evening Star Newspaper Co The Times Co Bausch & Lomb Optical Co Electro-Tint Engraving Co E. J. Brooks & Co Page Woven Wire Fence Co R. A. Ramsay Louis K. Green C. H. Bugbee E. N. Hutchinson	do	550.00 74.00 811.25 4.75 5.85
	C. H. Bugbee	do	11.75
	E. N. Hutchinson Geo. W. Browning Frank T. Shannon	do	14.00
	Frank T Shannon	do	5. 05 25. 00
	Peter I. Kershner	do	20.50
	Peter I. Kershner Jos. W. Parker	do	21.55
	Louis Metsker	do	21. 55 52. 75 102. 34
	Wm. D. Joi'den	00	19.00
	Jos. W. Parker Louis Metsker Wm. D. Jorden Wm. C. Honan Murray J. Myers Geo. S. Hickox D. R. Hodges H. M. Rowe	do	31.55
	Geo. S. Hickox	do	36.60
	D. R. Hodges	do	55.85
	H. M. Rowe	do	81.50
	W. A. Thomas	do	81. 50 23. 90 32. 10
	A. J. Smith	Services	39.56
	H. A. Christman	do	115.40
	D. K. Hodges H. M. Rowe W. A. Thomas Chas. M. Day A. J. Smith H. A. Christman L. P. Beechy Walter E. Howe R. H. Treacy D. C. Hanawalt W. A. Sayage	Traveling expenses	6.50 16.78
	Walter E. Howe	do	
	D. C. Hanawalt	do	49.26
	W. A. Savage	do	42. 25 57. 28 11. 10
	The Washington Post Co	Advertising	11.10
	E. A. de Schweinitz	Office expenses	3.90
17	R. A. Pearson	Traveling expenses	68.88
11	R. H. Treacy D. C. Hanawalt W. A. Savage The Washington Post Co E. A. de Schweinitz R. A. Pearson L. J. Allen W. G. Shaw Dan McCunningham Jos. M. Good F. D. Ketchum Edw. A. Bundy Louis K. Green Saml. E. Cosford Don. W. Patton J. Otis Jacobs Eureka Blotter Bath Co W. P. Ellenberger Matt. S. Lantz C. H. Zink C. O. Durfee B. P. Wende L. A. Robinson Jas. F. Hughes Hanny M. Ball	do	41. 45 92. 10
	Dan McCunningham	do	73.58
	Jos. M. Good	do	2. 33 18. 40
	F. D. Ketchum	do	18. 40 46. 30
	Louis V Groop	do	3 2
	Saml. E. Cosford	do	3. 25 11. 21 40. 19
	Don. W. Patton	do	40.19
	J. Otis Jacobs	do	34.50
	W P Fllenborger	Copying cloths and baths	34.50 57.23 47.00
	Matt. S. Lantz	do	47.00
	C. H. Zink	do	5. 3.
	C.O.Durfee	do .,	5.2
	B. P. Wende	do	10.70
	Jas F Hughes	do	5. 20 10. 70 7. 50 6. 21
	Harry M. Ball	do	6.5
	W. N. D. Bird	do	6.5 8.8
	Jno. P. O'Leary	do	8.2
	F. M. Perry	do	31. 4 34. 4
	F L Russell	do	13 0
	L. A. RODINSON JAS. F. Hughes Harry M. Ball W. N. D. Bird Jno. P. O'Leary F. M. Perry G. W. Ward F. L. Russell Church & Stephenson Geo. E. Howard Wm. Yenner	do Lumber Drawings Traveling expenses	13. 0 101. 1 50. 0 73. 9

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1901. .ly 17	D A Pomson	Traveling expenses	008
1y 1 s	R. A. Ramsay Lowell Clarke	dodo	\$28 74 52
	L. A. Klein Claude M. McFarland	Services	52
	Claude M. McFarland	Servicesdo	0.9
	A. J. Smith F. T. Suit Sun Printing and Publishing Association Pennsylvania R. R. Co do do do	Traveling expenses	38 82 36
10	F. T. Suit	do	82
18	Sun Printing and Publishing Association.	Advertising	30
	do de	do do	
	do	do	
	R. A. Pearson Arthur C. Hart A. J. Pistor Chas, H. Stevens	Traveling expenses	510
19	Arthur C. Hart	do	21
	A. J. Pistor	do	2 2
	Chas. H. Stevens	do	2
	Carrie Ehlers	do	8
	Carsie Ehlers. Thos. Redmond J.F. Ryder do Caroline Burnaby W.H. Wray do Ches. Carsie	Services	46 164
	J. F. Ryder	Traveling expenses	45
	Caroline Ruppahy	Services	40
	W. H. Wray	do	375
	do	Traveling expenses	375 12
	'Chas. Cowie	do	32
1	A. D. Melvin	do	39
	doChas. Cowie A. D. Melvin The Dispatch Co United States Envelope Co United States Electric Lighting Co Washington Gaslight Co United States Express Co C. W. Stiles Jno. C. Parker The Morning Post. Houston Printing Co Fredk. T. Dolan E. C. Schroeder	Advertising Envelopes Electric current Gas	1.
	United States Envelope Co	Envelopes	11
- 1	Washington Carlinh	Electric current	25. 29.
	United States Express Co	Transportation	9
	C. W. Stiles	Traveling expenses	45
20	Jno. C. Parker	Transportation Traveling expenses Supplies Advertising Office expenses Office expenses Letter paper Fans Shears Lumber	315
	The Morning Post	Advertising	2
	Houston Printing Co	do	3.
	Fredk. T. Dolan	Traveling expenses	100. 8. 10.
22	E. C. Schroeder Wyckoff, Seamans & Benedict	Office expenses	8
	Wyckoff, Seamans & Benedict	Letter paper	10
	M. Du Perow	Fans	64
23	M. Du Perow Barber & Ross The Beveridge Lumber Co Library Bureau H. A. Hedrick Chas. A. Schauffer	Lumbor	10 560
40	Library Rurson	Lumber Cards, etc. Office expenses	20
	H. A. Hedrick	Office expenses	9
	Chas. A. Schaufler	do	3
	do	do	9. 3. 36.
	A. G. G. Richardson	do	14.
	Chas, A. Schauflerdo A. G. G. Richardson Jno. A. Bell Geo. C. Faville Ephraim Dietrich Don C. Avers	do Traveling expenses Office expenses	8.
	Fighterian Dietwich		8.
	Don C Arers	do	9
	Chas. Keane	do	2
	Jas. S. Kelly	do	
	F. D. Ketchum	do	6.
	Don C. Ayers Chas, Keane Jas, S. Kelly F. D. Ketchum Rice P. Steddom Ira K. Atherton E. A. de Schweinitz R. A. Pearson	do do do Traveling expenses Office expenses	5. 2.
	Ira K. Atherton	Office expenses	2
24	E. A. de Schweinitz	do	20
A.t	R. A. Pearson J. Manz Engraving Co. O. E. Dyson	do Engraving Office expenses	19.
	O. E. Dyson	Office expenses	12
	A. E. Behnke	do	28
	A. E. Behnke Thos. J. Turner F. W. Hopkins	do	18 27
	F. W. Hopkins	Traveling expenses	27
	Lewis R. Baker	Office expenses	2
	Wm. Thompson	ao	12
	C. M. Day	do	12 8. 9
	T. A. Snipley	do	9
	E N Hutchinson	Office expenses	17
	F. W. HOPKINS Lewis R. Baker. Wm. Thompson C. M. Day T. A. Shipley Hal Gaylord E. N. Hutchinson B. L. Stine	do	17. 13.
	Tribune Co	do d	18
25	Tribune Co G. L. McKay Albert Dean Frank Parker Jno. McBirney Thos. White Boyd Baldwin Allen A. Holcombe W. S. Cass F. W. Ainsworth Adelbert Green J. J. Brougham	Services	200.
	Albert Dean	do	8.
	Frank Parker	Trayeling expenses	81.
	Jno. McBirney	Services Office expenses	118.
	Thos. White	Services	45.
	Allon A Holgombo	Omce expenses	5.
	W S Cass	do	6. 2.
	F. W. Ainsworth	do	ž.
	Adelbert Green	do Services Office expenses	32.
	J. J. Brougham Albert J. Payne		15.

ate.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
01.	A. C. C. Biohandean	08	20.0
y 25	A. G. G. Richardson	Office expenses	\$6.6
	Julius Huelson Hiram Jerome	do	6. £ 7. 6
	Nathan K-Fegley Nathan K. Fegley Harry N. Waller W. H. Rose. Victor A. Norgaard do do N. C. Sorensen O R. Hoes	do	1.0
	Harry N. Waller	do	16.8
26	Victor A. Norgaard	Traveling expenses	36.6 141.8
	do	Office expenses	18.0
	N. G. S.	do	14.9
	O B Hess	Traveling expenses	15.3 21.0
	G. B. Hess Geo. S. Baker		5. 6
	do	Office expenses	32.8
	Chester Willer	Traveling expenses	32. 8 86. 4
	Frank A. Ewing Union Pacific R. R. Co The Atchison, Topeka and Santa Fe Rwy.	Passenger transportation	30.0
	The Atchison, Topeka and Santa Fe Rwy.	do	16.6
27		0.60	. 07 (
21	Geo E Marshall & Co	Office expenses	97.0 3.4
	W. B. Niles Geo. E. Marshall & Co A. P. Little	Paper baskets Paper, etc Moving furniture	4.6
		Moving furniture	20.0
	Chicago Telephone Co A. W. Martin & Co The Consumers Co	Rent Rack	43. 7 3. 8
	The Consumers Co	Ice	30.1
	The New Telephone Co	Rent of 2 telephones	20.0
	The New Telephone Co Frontier Supply Co Chas. Keane	Towel supply Service Feeding horse	11.8 2.1 10.0
	W S Cass	Service	10.6
	W. S. Cass The Iowa Telephone Co The Layton Co Z. D. Gilman	reeding norse Service Heat light, etc. Supplies Scissors, etc Shoeing horses Typewriter Reproduction of pictures. Office rent	10.2
20	The Layton Co	Heat, light, etc.	10.8
29	Z.D. Gilman Barber & Ross	Supplies	21.0
	Wm. Lochte	Shoeing horses	77. 2 13. (
	Wm. Lochte Wagner Typewriter Co-	Typewriter	87. 8
	Leo Baum	Reproduction of pictures	10.3
	Wagner Typewriter Co. Leo Baum C. Deaderick Robt L. McQuat Alex. Williams O. E. Dyson S. W. Burt Office Toilet Supply Co H. W. Hawley do Saml. E. Bennett Wyandotte Gas Co Armour Packing Co G. W. Tourtellot F. B. McCall Louis A. Klein	Office rent	30.0 12.0
	Alex. Williams	Mare	20.0
	O. E. Dyson	Use of saddle horse	15.0
	Office Toilet Supply Co	Towels furnished	15. (151. (
	H. W. Hawley	Use horse and wagon	37.
	do	Use horse and wagon Use horse and buggy Use saddle horse	37. 3 23. (23. (
	Saml. E. Bennett	Use saddle horse	23. (2. 9
	Armour Packing Co	Telephone service	12.
	G. W. Tourtellot	Office rent Office expenses Traveling expenses	12. 3 135. 0
	F. B. McCall	Office expenses	2.5 95.8
	Louis A. Klein	do	61.
	W. R. Dennis W. A. Savage St. Louis Stock Yards Co Chas Keane Samuel E. Cosford. G. W. Butler Armstrong Laundry	do Services Office rent Use horse and buggy	115.4
	St. Louis Stock Yards Co	Office rent	135.0
	Chas. Keane	Use horse and buggy	25. (20. (
	G. W. Butler		30.0
	Armstrong Laundry Belt R. R. and Stock Yard Co Paul H. Bequin	Laundering Office rent Mare	3.6
	Belt R. R. and Stock Yard Co	Office rent	30.0 10.0
	A A Lamb	Horse	35.0
	Albert E. Behnke	Use of horse and buggy	35. (60. (
	Jno. A. Dixon	2 mares	60.0
	Thos A Broy	Desk	39.7 72.0
	Faul H. Bequin A. A. Lamb Albert E. Behnke Jno. A. Dixon Cooperative Furniture Co. Thos. A. Bray Jas. W. Davis Don C. Ayer Missouri and Kansas Telephone Co. Jas. B. Lambie	Use horse and buggy	18.0
	Don C. Ayer	Use horse	15.0
30	Missouri and Kansas Telephone Co	Rent and service	12.5
90	Jas. B. Lambie Bourbon Stock Yards Co., of Mis-	Desk Use saddle horse Use horse and buggy Use horse Rent and service Supplies Office rent do	12. 4 15. 30. 0
	The Kansas City Stock Yards Co., of Mis-	do	49.
	souri.	rm. :	
	Cutter and Nielson Paint and Color Co	Thinner Wash boiler, etc	2. i
	Emery Bird Thaver Dry Goods Co	Shades, etc	5.
	Union Stock Yard and Transit Co	Shades, etc. Office rent.	5. 0 225. 0
	souri. Cutler and Nielson Paint and Color Co W. A. Mosley. Emery Bird Thayer Dry Goods Co Union Stock Yard and Transit Co Gahan & Byrne. Nebraska Telephone Co A. Bauman, jr Thos. Redmond.	do	675.0
	A. Bauman ir	RentUse horse and buggyServices	13.8 20.0
		COULDING WILL NUSSJ	30.

Date.	Name.	Nature of payment.	Total.
1001	Supplemental-Continued.		
1901. July 30	I. B Lessert	Mare	§30.
,,	L. B. Lessert F. D. Ketchum	Mare Use horse and buggy	20.
	do	Office expenses	21.
	J. J. Van Eaton	Office rent	21.
	Por Fhrenheim	do	50. 30.
	The Fredk, C. Gross & Bros. Co	do	51.
	The Cincinnati Union Stock Yards Co	do	51. 45. 11. 52.
31	Geo. C. Faville	Office expenses	11.
	J. E. R. Carpenter	Office rent	52.
	Ino H Ackerman	Horse	11. 200
	A. G. G. Richardson	Use horse and buggy	200. 38.
	New England Telephone and Telegraph Co	Service	52. 12. 24.
	Bay State Clean Towel Co	Towel service	12.
	Gerald E. Street	Service	24. 90.
	New York Telephone Co	Rent and service	90. 28
	Jas. Stikeman	Office rent	28. 125.
	L. B. Lessert F. D. Ketchumdo J. J. Van Eaton St. Louis National Stock Yards. Per Ehrenheim The Fredk. C. Gross & Bros. Co The Cincinnati Union Stock Yards Co Geo. C. Faville J. E. R. Carpenter W. M. Foster Jno. H. Ackerman A. G. G. Richardson New England Telephone and Telegraph Co Bay State Clean Towel Co Gerald E. Street Jas. M. Codman New York Telephone Co Jas. Stikeman Chas. A. Schaufler The Bell Telephone of Philadelphia International Office Toilet Supply Co Bell Telephone Co. of Buffalo East Buffalo Live Stock Exchange Co C. H. Zink	Keep of horse	60.
	The Bell Telephone of Philadelphia	Service	40.
	Bell Telephone Co. of Buffelo	Clean towels.	23. 90.
	East Buffalo Live Stock Exchange Co	Office rent	20. 90.
	C. H. Zink	Office expenses	001
	do	Office expenses Use horse and buggy	
	N. Rufus Gill	Office rent Rent	31. 19.
	Chesapeake and Potomac Telephone Co	Monucovint	195
	Wm Krafft	Manuscript Microscope Butter, etc. Traveling expenses	125 83
ug. 2	S Foter & Co	Butter, etc	370
	Jno. H. McNeale	Traveling expenses	50.
	W. E. Pratt	Hog rings. Cloth	221
	A. M. Rothenila & Co	Uloth	3. 20.
	Ino A Craig	Manuscript	66.
	Jas. B. Lambie	Files, etc Rent and services Butter and cheese	11.
	New York Telephone Co	Rent and services	11. 19.
	Brigham Hoppe & Co	Butter and cheese	75.
	Dodge Sweeney & Co	Butter Cream Services	173.
	Elvin T. Davison	Services	37. 98.
	Claude McFarland	Traveling expenses	19.
	Roy N. Drake	do	49 502 6
	Wenfell and Western P. P. Co.	Water tank	502
	Baltimore and Ohio R. R. Co	do do	17
	Bell Telephone Co. of Buffalo East Buffalo Live Stock Exchange Co. C. H. Zink do N. Rufus Gill Chesapeake and Potomac Telephone Co. H. Haywood Wm. Krafft S. Foter & Co. Jno. H. McNeale W. E. Pratt A. M. Rothchild & Co. Plenty Birds Jno. A. Craig Jas. B. Lambie New York Telephone Co. Brigham Hoppe & Co. Brigham Hoppe & Co. Elvin T. Davison Claude McFarland Roy N. Drake Geo. C. Walker Norfolk and Western R. R. Co. Baltimore and Chio R. R. Co. Galveston, Harrisburg and San Antonio Rwy. Co. Fort Worth and Denver City Rwy. Co.	do water tank. Passenger transportation do do	7
	Rwy. Co.		
	Fort Worth and Denver City Rwy. Co		4
	Pittsburg, Cincinnati, Chicago and St.	do	46.
	Southern Bwy. Co.	do	49
	Galveston, Harrisburg and San Antonio Rwy. Co. Fort Worth and Denver City Rwy. Co Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Southern Rwy. Co. Fremont, Elkhorn and Missouri Valley R. R. Co.	do	2
	R.R.Co.		~
	Boston and Albany R. R. Co The Rio Grande Western Rwy. Co Illinois Central R. R. Co The Pacific Mail Steamship Co The Wabash R. R. Co Southern Rwy. Co	do	2 42 17
	Illinois Central R R Co	do do Transportation	17
	The Pacific Mail Steamship Co.	Transportation	39
	The Wabash R. R. Co	Passenger transportation	39 4 16
	Southern Rwy. Co	do	16
	P. Cartor Ballantyna	do Wax, etc Meat inspection stamps	15 616
	Goes Lithographing Co	Meat inspection stamps	616
3	J. E. Dunn	Hauling	17. 99
_	Mackall Bros	Supplies	99
5	do do Carter Ballantyne Goes Lithographing Co J. E. Dunn Mackall Bros Wm. G. Shaw W. E. Hill	Hauling Supplies Traveling expensesdo	60.
		Office expenses	28. 1.
	Southern California Rwy. Co Chicago and Northwestern R. R. Co The Chicago, Burlington and Quincy R. R.	Passenger transportation	5.
	Chicago and Northwestern R. R. Co	dodo	12
	The Chicago, Burlington and Quincy R. R.	do	7.
	Co.	do	42.
	Burlington and Missouri River R. R. in Nebraska.	u0	43.
	New York Central and Hudson River R. R.	do	10.
	Co		
	Southern Pacific Co	do	13
	Northern Pacific Kwy. Co	d0	12.

Date.	Name.	Nature of payment.	Total.
4004	Supplemental—Continued.		
1901.	American Man Co	The sec	2070 00
Aug. 6	American Tag Co International Seal and Lock Co	Tags Seals	\$250.00 200.00
	Thos. W. Smith	Doors, etc.	16.89
7	L. Enos Day	Office expenses	.60
8	Fredk. Braginton E. P. Dowd	do	.60
	E. P. Dowd	do	. 20
9	Thos. Somerville & Son	Hydrants	962.48
	do	Supplies	14.61
	Archd. McBride	Traveling expenses	20.90
10	American Ice Co	Ice	21.43
10 12	Wyckoff, Seamans & Benedict	Card cylinder	2.35 33.00
1.5	E. Burgdorfdo	nire teams	26.00
	do	do	33.00
	do Rudolph, West & Co Electro-Tint Engraving Co	ob	33.00
	Rudolph, West & Co	Hardware	14.75
	Electro-Tint Engraving Co	Prints of chicken	330.00
	C. L. Morin The Geo. W. Knox Express Co	Traveling expenses	. 75 22, 02 382, 19
	The Geo. W. Knox Express Co	Transportation	22.02
16	W. B. Moses & Sons	Linoleum, etc	382.19
	do	Carnet etc	276.26
	E. E. Laird	Traveling expenses	4.00 10.12
	W. C. Bartn	do	10.12
17	E. E. Laird W. C. Barth E. T. Davison A. B. Morse	Office ownerses	4.82
14	W. H. Wray	Office expenses	. 85 37. 07
19	Goodyear Rubber Co	Sheeting	5 75
10	J. Haberle	Iron boxes	5.75 50.00 11.39
	Thos. White	Traveling expenses	11.39
	Thos. White Hugh M. Rowe	Office expenses	1.50
	E. H. Catlin & Co	Tagging hooks	. 75
20	Jno Forbes	Office expenses	5.00
	do	Use horse	45.00
24	Emil Greiner	Graduates, etc	4.22
21	Tooie A. Geddes	Office expenses	2.62
	The Chesapeake and Potomac Telephone	Rent	123.75
22	Co. Reyech & Lamb Optical Co.	Office armonaca :	10.36
22	Bausch & Lamb Optical Co	Office expenses	1.00
	Geo F Muth & Co	Turpentine	26.14
23	Geo. F. Muth & Co. J. A. Cooper	Use horse	8.00
	A. H. Reid	Butter boxes	12.95
	B. Cunningham	Traveling expenses	5.35
	J. H. Newbauer	Cream	50.05
28	W. B. Moses & Sons	Furniture	40.85
	E. T. Davison	Traveling expenses	45.25
90	W.S. Devoe	do	80.25
29	Tooie A. Geddes Jno. H. McNeal	dodo	201.07 49.93
	A. M. Rork	do	22.58
	Emma J. Adams, administratrix, et al	Office rent	120.00
30	The J. C. Ergood Co	Soap, etc.	17.25
0.0	Barber & Ross	Hasps, etc	8.56
	L. B. Lessrt, jr.	Mare	15.00
Sept. 4	W. B. Niles	Office expenses	76.60
	do	do	60.20
	Machall Dung	Cumpling	6.55
	Mackall Bros	Supplies	102.75
5	Chas. R. Edmonston	Water coolers, etc	58.48 25.00
11	C. R. Wolfenden W. D. McArthur	Services	90.00
23	J. C. Milnes	Traveling expenses	12.15
NO	Frank A. Ewing	Services	27.20
Oct. 2	Frank A. Ewing Burrelles Press Clipping Bureau	Clipping	2.38
	ao	110	6.78
4	Illinois Central R. R. Co	Passenger transportation	8.10
	Chicago and Alton Rwy. Co. Fremont, Elkhorn and Missouri Valley	do	12.50
5	Fremont, Elkhorn and Missouri Valley	do	40.36
	Rwy. Co.	a., '	19.50
	The Chicago, Burlington and Quincy R. R.	do	12.50
	Co.	do	30.00
	do Chicago, Milwaukee and St. Paul Rwy. Co-	do	23.00
	Chicago Rock Island and Pacific RWV Co	1 00	23.00 38.28 33.80
	Oregon Short Line R. R. Co.	do	33.80
	Oregon Short Line R. R. Co. New York, New Haven and Hartford R. R.	do	20.75
	Co.		
	Galveston, Harrisburg and San Antonio	do	26.55
	Rwy. Co.		5.10

BUREAU OF ANIMAL INDUSTRY-SALARIES AND EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
1901. Oct. 5	Supplemental—Continued. The Wabash R. R. Co. Chicago and Northwestern Rwy. Co. Union Pacific R. R. Co. The Minneapolis and St. Louis R. R. Co. Southern California Rwy. Co. Kansas City, Memphis and Birmingham R. R. Co. Pennsylvania Co. Pennsylvania R. R. Co. do Baltimore and Ohio R. R. Co. Northern Pacific Rwy. Co. Chas. R. Edmonston The Geo. W. Knox Express Co. R. P. Clarke Co. Postal Telegraph Cable Co. J. C. Milnes. Total supplemental	do d	\$14. 01 43. 97 60. 00 12. 97 18. 50 25. 00 17. 50 63. 50 12. 75 22. 90 14. 40 1. 18 9. 00 30. 62 5. 60

RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter Supplemental	234, 946, 70 236, 252, 66 250, 740, 54
Total	963, 352. 72

BUREAU OF ANIMAL INDUSTRY-RENT OF BUILDINGS.

Date.	Name.	Nature of payment.	Total.
1900. Aug. 21 Sept. 24	J. Harrison Johnson & Sondo	Rent of buildingdo	\$150.00 150.00
	Total first quarter		300.00
Oct. 25 Dec. 4 26	J. Harrison Johnson & Sondodo	do	150.00 150.00 150.00
	Total second quarter		450,00
1901. Jan. 17 Feb. 11 Mar. 18	J. Harrison Johnson & Son do do	do do	150, 00 150, 00 150, 00
Apr. 9 May 10 June 11	Total third quarter J. Harrison Johnson & Son do do Total fourth quarter	Rent of buildingdodo	150.00 150.00 150.00 150.00
Aug. 19	Supplemental, J. Harrison Johnson & Son Total	Rent of building	150.00

TREASURY ORDERS.

1900.			
Nov. 4	Union Pacific R. R. Co.	Passenger transportation	\$109,45
	Fremont, Elkhorn and Missouri Valley	do	16,90
	R. R. Co.		10.00
8	Kansas City, St. Joseph and Council Bluffs	do ·	8,66
	R. R. Co.		0.00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. TREASURY ORDERS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. Jan. 16 Mar. 26 Apr. 18 24 May 10 June 26 Aug. 6 Oct. 14	Sioux City and Pacific R. R. Co. Southern Pacific Co., Pacific Systemdo do Sioux City and Pacific R. R. Co. Southern Pacific Co., Pacific System Sioux City and Pacific R. R. Co. Southern Pacific Co., Pacific System do Chicago and Northwestern Rwy. Co. Sioux City and Pacific R. R. Co. do. Fremont, Elkhorn and Missouri Valley R. R. Co. Southern Pacific Co. do Sioux City and Pacific R. R. Co	do d	\$9. 52 29. 50 20. 00 15. 00 8. 66 2. 06 53. 27 59. 00 14. 16 1. 06 14. 08 2. 05 142. 75 30. 85 78. 35 78. 35 26. 24 4. 53
	Total		721.17

LIBRARY.

1000			
1900,	31 Y3 34	D 1	610.00
July 19	M. E. Mann	Books	\$13.00
Aug. 1	Saml. H. Moore	Chautauqua library cases	30.00
	W.H. Lowdermilk & Co	Dictionaries	16.50
3	R. Carter Ballantyne	Books	42.25
10	Gaylord Bros	Adhesive parchment paper	. 75
	The Macmillan Co	Cyclopedia of Horticulture	15,00
	R. L. Polk & Co	Medical and Surgical Register.	10,00
	Sarah H. Killikelly	Curious Questions	2,00
	S. T. McLean & Co		2.50
		Books	
	do	Century Dictionary	50.00
	Lemcke & Buechner	Books	13.50
14	Richd. L. Lamb	Type	2.80
20	H. E. Hooper	Century Atlas	8.75
21	L. S. Rose	Botany Manuals	4.00
•	Chas. L. Smith	Moore's Index Filicum	5.75
	Paul Klincksieck	Book	120.00
Sept. 7	Geo. T. King	Dictionary of Gardening	4, 00
Sopt.	The National Nurseryman Publishing Co.	National Nurseryman	1.00
17	R. Friedlander & Sohn	Books	13.55
11	R. R. Bowker	Trade list	2.00
94			45.25
24	Lemcke & Buechner	Books	
	do	do	42.00
	do		8. 25
	do	do	7.90
	William Wesley & Son	do	7.50
	do	do	1.00
	do	do	2.50
	do	do	37. 37
	do	do	11.24
	Bates Manufacturing Co		.30
	Gustav E. Stechert	Books	4, 30
	O distav 14. Stecher t	DOORS	1.00
	Total first quarter		524, 69
	Lotal Hist qualter		087.00
Oct. 4	R. Friedlander & Sohn	Books	29, 95
OCU. 1	H. E. Hooper	Atlas	8.75
	Lemcke & Buechner	Books	9, 90
		dodo	5. 20
10	do		22.50
12	H. N. Paterson	Cards	
15	Lemcke & Buechner	Books	22.69
Nov. 13	Elva E. Hicks	do	73.18
17	Chas. L. Smith	Book	3.50
20	Jno. D. Smith	Books	7.50
	J. N. Rose	do	5.25
22	Lawyers' Cooperative Publishing Co	Digest	12.00
	Bernard Quaritch	Books	23.13
	Henry Sampson	Southern Planter	20, 00
23	The Plant World Co	Books	2,00
$\tilde{2}_{1}$	W. H. Lowdermilk & Co	do	10.65
27	R. Carter Ballantyne	Farm Implement News	1.35
21	Chas. W. Smilev	Book	1.00
	Onas. W. Smiley	DOOR	1.00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. LIBRARY-Continued.

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Da	ite.	Name.	Nature of payment.	Total.
Dec.	00. . 23	Fifth Avenue Auction Rooms Lemcke & Buechnerdo	Booksdo	\$104.85 5.10
		do	do	5.00
		do	do	9.07 2.76
		do	do.	2.76 12.60
		do do do	do	30. 21 5. 73
		do	do	33. 93
		do	do	4.40
		00	00	4.15
		do	do	3.86 2.95
		The Baker & Taylor Co	do	14.90
		The University of Chicago Press	do	$\begin{array}{c} 2.80 \\ 15.20 \end{array}$
	6	F. M. Morris	Guide to the United States	2.08
	14	Wm. Wesley & Sons	Book	6,00
		do	Subscription vol 1 Ramsay	5.00 2.50
		do The Baker & Taylor Co The University of Chicago Press. Chas. L. Smith F. M. Morris Wm. Wesley & Sons. do do Chas. L. Smith Wm. Wesley & Sons. do Chas. L. Smith Wm. Wesley & Sons	Subscription, vol. 1, Ramsay Booksdo	2.48
	17	Chas. L. Smith	do	12.00
	18	Wm. Wesley & Sonsdo	do	24.38 10.00
		do Library Bureau Municipal Engineering Co. Lemcke & Buechner do The Boston Book Co Gustav E. Stechert d. A. Williams & Co. Gustav E. Stechert J. H. Steiner American Florist Co.	do Cards and trays Subscription Books	34.45
	19	Municipal Engineering Co.	Subscription	2.00
	20	Lemcke & Buechner	Books	28.45 15.18
		The Boston Book Co	do	10.00
		Gustav E. Stechert	do	10.00 17.57
		A Williams & Co	do	3.30 1.76
		Gustav E. Stechert	do	16.60
	29	J. H. Steiner	do	4.50 2.00
		American Florist Co Allen's Press Clipping Bureau	Clinnings	24.00 24.00
			Directory Clippings	
		Total second quarter		740.31
19	01			
Jan	. 3	A. A. Heller R. Friedlander & Sohn Gustav E. Stecher	Book	1.00
	4	Gustav E. Stechert	Booksdo	15.98 23.06
		Lemcke & Buechner	do	23.06 8.63
		Lemcke & Buechner	do	1 68
		do	dodo	1.84 2.30 7.80
		do.	do	7.80
		do	do	10.09 10.06
		do	do	16.55
		do	do.	24.24
	~	do	do	24.24 38.71 5.30
	12	The Washington Post Co	do do post	4.20
	14	W.H.Lowdermilk & Co	Books	12.00
	19	Harrison G. Dyar The Washington Post Co W.H. Lowdermilk & Co T. H. Castor & Co J. J. De Forest The Lawyers' Cooperative Publishing Co. H. V. & H. W. Poor Bates Manufacturing Co. The Manufacturing Co.	do	39.12 1.30
		The Lawyers' Cooperative Publishing Co.	Digest	6.00
	01	H. V. & H. W. Poor	Book	10.00
	21	The Macmillan Co	Book Ink Books Meehan's Monthly Book	$\frac{.40}{10.00}$
		Bates Manufacturing Co. The Macmillan Co. Thos. Meehan & Sons Jas. T. White & Co. Lemcke & Buechner do do do	Meehan's Monthly	4.00
		Jas. T. White & Co	Book Books	8.00 49.56
		Temere & prieculier	Booksdo	6.00
		do	do	19, 85
				6.11 11.50
				4.14
	24	do E. Morrison Paper Co Lemcke & Buechner	Trunk board	10.62
Feb.	26	Brentanos	BOOKS	39.00 61.34
100.	~	Brentanos The National Conference of Charities and	do	1. 25
				10.05
	5 11	T. H. Castor & Co	do	12.85 6.52
	-	Jas. W. Withers	do	6.52 3.00
		Gustav Fock T. H. Castor & Co Jas. W. Withers American Society of Civil Engineers Brentanos	do	3.75 3.96
		Brentanos	u0	0.00

LIBRARY—Continued.

	Librari — Continued.		
Date.	Name.	Nature of payment.	Total.
1901.			
Feb. 12	Library Bureau N. Murray W. H. Lowdermilk & Co	Labels	\$1.75
13	N. Murray	Books	\$1.75 10.00
	W. H. Lowdermilk & Co Paul Parey Cambridge Botanical Supply Co Willard N. Clute The Rural Northwest The Macmillan Co Gustav E. Stechert Lemcke & Beuchner	do	4.00
19	Cambridge Botanical Supply Co	do	3.57 8.00
	Willard N. Clute	do	. 55
- 01	The Rural Northwest	do	3.00
21 23	Gustay E Stechert	do	2.54 5.16 14.34
NO	Lemcke & Beuchner do Gustav E. Stechert Lemcke & Beuchner Jersey Bulletin Co Wm. Wesley & Son do do do Bernard Quaritch Wm. Ballantyne & Sons Cumulative index Co Library Bureau Lemcke & Buechner do do do do	do	14.34
	do	do	17.85
	Gustav E. Stechert	do	52.71 33.28
27	Jersey Bulletin Co	Book	5.00
27 28	Wm. Wesley & Son	Books	17, 50
	do	do	11.25 10.91
	do	do	5.00
	do	dodo	1.25
	Bernard Quaritch	do	3.65
Mar. 14	Wm. Ballantyne & Sons	Index 1800 1000	6.40 10.00
18	Library Bureau	Case and card pockets	22.80
10	Lemcke & Buechner	Books	22.80 2.75 1.00
	do	do	
	do	do	1.00 32.70
	Lemcke & Buechner	do	. 72
	Gustav E. Stechert	do	6.00
23	T. H. Castor & Co	Pools	6. 52 3. 00
20	Washington Academy of Science	do	1.00
	GO Gustav E. Stechert Lemcke & Buechner Gustav E. Stechert T. H. Castor & Co O. C. Warehime Washington Academy of Science The Publishers' Weekly	do	3.50
			810. 41
	Total third quarter		810.41
Apr. 3	Lemcke & Buechner	Books	20.40
-	do L.M. Underwood W.H. Lowdermilk & Co. Wm. Wesley & Son	Index cards Book	35. 23
4	W. H. Lowdermillz & Co	Book	3.56 7.50
72^{-}	Wm. Wesley & Son	Books	12.00
			1.00 2.00
	The Field and Farm Frederick Muller & Co	dodo	2.00 38.00
18	Julius Kuhlman	dodo	.85
18 19	Wm J Gerhard	Pamphlets	4, 55
22	Lemcke & Buechner	Books Book	5.26 5.00
22 23 29	Lemcke & Buechner American Medical Association Journal Compilation Medical and Veteri-	Books	6.00
NO	nary Archives		
Mar. 10	S. H. Smith G. E. Stechert	Woodworker, 3 vols	3.00
May 13	R R Rowker	Literary index	11.76 3.50
	G. B. Stetener R. R. Bowker L. M. Underwood Library Bureau The Macmillan Co. N. W. Ayer & Son Jno. A. Craig Payot, Upham & Co. C. P. Ovoutt	Books Literary index Book Rules	3.00
20	Library Bureau	Rules	1.00
	N W Aver & Son	Bookdo ,	1.56 5.00
24	Jno. A. Craig	Booksdo	10.00
	Payot, Upham & Co	do	10.00 3.00
	U. K. Orcutt	do	1.00 3.12
June 11	C. R. Oreutt. Lemeke & Buechner Statute Law Book Co R. Friedlander & Sohn Wm. Wesley & Son	do	16.50
14	R. Friedlander & Sohn	Foreign publications	28.40
	Wm. Wesley & Son	Book	1.50
	do	Books	6.00 9.60
	do do Oswald Weigel Lemcke & Buechner	Booksdo	5.75
	Lemcke & Buechner	do ,	35.01
	do	do	25.90 19.37
18	Wm. Ballantyne & Sons	do	2.70
	Lea Bros. & Co.	do	2.70 3.50
22 -24	The Lawyers' Cooperative Publishing Co.	do	6 00
-24	H. N. Patterson	Cards	78. 25 22. 50
	R. R. Bowker	Catalogues	12.50
	Lemcke & Buechner do do Wm. Ballantyne & Sons Lea Bros. & Co. The Lawyers' Cooperative Publishing Co. W. H. Lowdermilk & Co. H. N. Patterson R. R. Bowker P. Blackiston's Son & Co. Lemcke & Buechner do	Book	3. 50 38. 12
	Lemcke & Buechner	do	38. 12 46. 41
		,	

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1901. June 24 25	W. H. Lowdermilk & Co W. F. Porter	do	\$10.20 7.00
	Total fourth quarter		566.00
July 2 8 9 23 24 31 Aug. 1 2 2 3 19 20 Oct. 10	Lyon, Kymer & Palmer Co. National Railway Publishing Co. The Spanish-American Directories Co. Orange Judd Co. Woodward & Lothrop William Wesley & Son. Lemcke & Buechner Library Bureau Brentanos Thos. Howell The Sun Printing and Publishing Association. Saml. D. Craig. jr. Rand. McNally & Co. R. B. Hough. Encina Publishing Co. California Fruit Grower. Gustav E. Stechert. Lemcke & Buechner do. Total supplemental	Subscription Directory, West Indies Books do do Periodicals Labels Books do Subscription Binders Atlas American woods Book Subscription Books do	1. 08 5. 00 1. 50 87. 08 50. 00 20. 25 3. 66 6. 00 1. 00 8. 00 7. 50 4. 00 2. 76 2. 20 38. 97
Fourth	RECAPITULA ntarter narter narter narter nuarter nental		566.00

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CONTINGENT EXPENSES.

		CONTINGENT EX	CPENSES.	
Da	ite.	Name.	Nature of payment.	Total.
July	00. y 13 19	Washington City post-office	Stamps White lead Towels	\$500.00 11.90 262.75
Aug	31 g. 1	Jas. Halley et al Richd. L. Lamb Easton & Rupp B. C. M. Burton	Salaries Pads. etc Standard Dictionary Awnings	160, 00 10, 00 1, 85 49, 00
	3	The Maurice Joyce Engraving Co J. P. Nawrath R. P. Clarke Co	Engraving plates Cotton, twine, etc Feather dusters Nets	1.50 163.24 37.70
	4 10	The A. J. Joyce Carriage Co David A. Collins H. E. Davison & Co F. H. Lovell & Co	Clock	3. 32 30. 80 72. 00 162. 00 7. 25
		The Chesapeake Electric Co. Safety Bottle & Ink Co. N. P. Bush Pearre E. Crowl Co. Eberhard Faber	Key sockets, etc	7.90 12.00 8.70 59.00 370.15
	11 14	Library Bureau F. Lower Austin Smith D. Frank Parker Thos. Somerville & Sons	Oak cases Hemming towels Paper Typewriter paper Bricks and cement	204.00 3.00 92.00 314.40 75.60
		W. M. Galt & Co Jennie T. Thomson L. S. Depue M. Du Perow	Hay Stamping letter heads Oats Flectric fansdo	40. 48 29. 70 46. 20 251. 10 19. 00
		Louis Hartig. W. G. Sargent Capital Traction Co. The Maurice Joyce Engraving Co. B. B. Ernshaw & Bro National Electric Supply Co.	Fare tickets Engraving plates Rye straw	19. 75 5. 40 41. 50 3. 00 15. 22 5. 35

$Expenditures \ of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901 - {\bf Cont'd}.$

Date.	Name.	Nature of payment.	Total.
1900.			
Aug. 14	Rudolph, West & Co	Hardware	\$150.
	do do R. Carter Ballantyne Z. D. Gilman	do	38.
	do	Hose, etc Pens, baskets, etc	33.
	R. Carter Ballantyne	Pens, baskets, etc	72.
90	Z. D. Gilman	Naphtha, in cans	1.
20	H. E. Hooper Manhattan Electric Supply Co. Washington Gaslight Co United States Electric Lighting Co.	Century atlases Duplex office wire	35. 5.
21	Washington Gaslight Co	Gae	16.
~1	United States Electric Lighting Co	Gas Electric lighting	108.
	National Morlar Co	Mortar.	4.
24	Jno. C. Parker The McDermott Carriage Co	Stationery	739.
	The McDermott Carriage Co	Repairs to carriage	82.
25	W. H. Lacy	Plastering, etc	16.
	Jno. D. Frazee	Washing towels	21.
	The J. C. Ergood Co.	Soap Typewriter cabinet	64.
	S. P. Johnson	Typewriter cabinet	23.
	C. Becker	Repairing harness	46.
29	Hugh Reilly	Oils, paints, etc Asbestos covering	7. 3.
31	H. Ö. Wilber Jas. Halley et al	Salaries	160.
Sept. 12	William Lewis	Recaning chairs	1.
5	Jas. Wilson	Traveling expenses.	24.
9	The McDermott Carriage Co	Carriage hire	7.
	American Ice Co	Ice	107
7	American Ice Co Z. D. Gilman	Horse medicine	1.
	Ernest Betz	Ventilation and repairing	17.
	B. B. Earnshaw & Bro	Bran and straw	15
	Church & Stephenson	Lumber	94
	Wyckoff, Seamans & Benedict	Repairing typewriter	29.
	L. S. Depue W. M. Galt & Co	Oats Hay	69 33
	Eberhard Faber	Erasers	8
	United States Envelope Co	Envelopes	35
	Library Bureau	Book stacks, etc	102
	Geo. Meier & Co	Bronze	10
12	United States Electric Lighting Co	Electric current	111
	United States Electric Lighting Co	Stable supplies	17
	C. Becker	Stable supplies	13
	W. B. Moses & Sons	Rug and desk	31.
4.5	Jno. P. Turner	Services	5.
15	Arthur Arrington The Tablet and Ticket Co	Fire extinguishers	90.
17	J. H. Bunnell & Co	Figures	12
	Eberhard Faber	Bands	4
	American Ice Co	Ice	121
	Chas. Becker	Oil and paint	67
	Chas. R. Edmonston	Glasses, etc	13
	Jas. B. Lambie	Rasps, etc	10
18	C. S. Braisted	Pencils Carbon paper	60
10	Mittag & Volger Rudolph. West & Co	Carbon paper	37
19	Rudolph. West & Co	Envelope openers, etc	10
21	Capital Traction Co	Fare tickets Desks and tables	$\frac{41}{498}$
	W.B. Moses & Sonsdo	Matting, etc	81
22	Johnson Bros	Coal	1,409
	do	Coal and wood	283
	Geo. W. Hill	Traveling expenses	15
24	W. B. Moses & Sons	Desks, etc	122
	Chas. Becker	Glazier diamond	3
	Thos. Somerville & Sons Library Bureau	Pipe fitting, etc	78
	Library Bureau	Oak base Cards	22
	United States Envelope Co	Envelopes	19 326
29	Jas. Halley et al	Salaries	236
140	Total first quarter		9,031
et. 1			8
	R. Carter Ballantyne Jno. D. Frazee	Pens Washing towels	24
	The Oliver Typewriter Co	Repairing typewriter	24. 2.
	Mackall Bros	Camphor	10.
2	Hugh Reilly	PaintsInspecting boilers	5.
	E. F. Vermillion I. P. Boosa	Inspecting boilers	20.
3	I.P. Roosa	Services	75.
4	Eberhard Faber	Bands	91.
	F. H. Lovell & Co The Chesapeake Electric Co	Clock	7.
0	Washington City nost	Electric supplies	500
$\frac{8}{10}$	Washington City post-office Chas. Becker	Stamps Oil	6.
10	S P Johnson	Typewriter, repairs to	5.
	S. P. Johnson L. S. Depue	Oats	46.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. CONTINGENT EXPENSES—Continued.

Date.	Name. •	Nature of payment.	Total.
1900.			
oct. 10 12	W. M. Galt & Co	Hay Cylinder for typewriter Typewriters Electric fans Roach paste Rent of boxes Washing towels Ice Holders and tube Wire Hooks, etc Roachain Lights and fans Gas Lumber Lumps	\$33. 2. 120.
12	C. A. Joerissen	Cylinder for typewriter	2.
	M. Du Parow	Electric fans	120.
	Mackall Bros	Roach paste	64. 4.
	S. P. Johnson M. Du Perow Mackall Bros Instantaneous Fire Alarm Co	Rent of boxes	15.
	Jno. D. Frazee	Washing towels	21. 99.
15	H C Roberts Floatric Supply Co	Holders and tube	99. 2.
10	The Okonite Co.	Wire	12.
16	Rudolph, West & Co	Hooks, etc	19.
	Wm. Murray & Son	Roachain	15.
	Washington (faslight Co	Gas	91. 17. 61.
20	Church & Stephenson	Lumber	61.
	United States Electric Lighting Co	Lumper Lumps Awnings Repairing surrey Repairs Steneil paper, etc Tank, etc Passenger transportation Cabinet stationery surplies etc	10.
	R. C. M. Burton	Awnings	12. 19.
	Emest Retz	Repairing surrey	19. 15.
	D. Frank Parker	Stencil paper, etc.	345.
	Thos. Somerville & Sons	Tank, etc.	5.
24	Southern Railway Co	Passenger transportation	15.
95	Mackall Bros Instantaneous Fire Alarm Co Jno. D. Frazee American Ice Co H. C. Roberts Electric Supply Co The Okonite Co Rudolph, West & Co Wm. Murray & Son United States Electric Lighting Co Washington Gaslight Co Church & Stephenson United States Electric Lighting Co R. C. M. Burton The Andrew J. Joyce Carriage Co Ernest Betz D. Frank Parker Thos. Somerville & Sons Southern Railway Co Jno. C. Parker W. P. Cutter Geo. F. Muth & Co do Opstal Telegraph Cable Co	Cabinet, stationery supplies, etc Traveling expenses Turpentine, etc.	498. 15.
25 20	Geo. F. Muth & Co	Turpentine, etc.	33.
	do	Paints	1. 10.
	do Postal Telegraph Cable Co W. H. Rupp, agent	Paints Telegraph service Envelopes	10.
	W.H. Rupp, agentdo	Pen	164.
	The J. C. Ergood Co.	Pen Pearline Ink Engraving autographs Binding posts Lead varnish, etc Salaries Typewriter Matorial for making at the second	17.
	Fred A. Schmidt	Ink	8. 2.
	The Maurice Joyce Engraving Co	Engraving autographs	2.
	National Electric Supply Co	Binding posts	1.
31	Ise Hallow et al	Salaries	61. 227.
ov. 1	S. P. Johnson	Typewriter	60.
	U.S. Engraving and Stamp Works	Material for rubber stamps Sponge	15. 14.
2	do	Sponge	14.
	Library Burgen	Sponge Batteries Furniture Tubing Lamp cord Envelopes Telephone service	17. 60.
	The Chesapeake Electric Co.	Tubing	4.
	J. H. Bunnell & Co	Lamp cord	4. 8. 19.
	United States Envelope Co	Envelopes.	19.
	do do	do	60. 15.
	do	do	7.
3	R. P. Clarke Co	Whisk brooms	10.
8	do do R. P. Clarke Co B. B. Earnshaw & Bro L. L. Karns J. H. Brigham Rudolph, West & Co F. H. Lovell & Co Jno D. Frazee	do	425.
15	J. H. Rrigham	Traveling expenses	420, 520
17	Rudolph, West & Co	Locks, etc.	529. 45.
20	F. H. Lovell & Co	Clocks	2.
	Jno. D. Frazee	Clocks Washing towels Coal Dusters	25. 25. 26. 16.
	R P Clarke Co	Ductors	26. 16
21	B. B. Earnshaw & Bro	Feed	16.
-	H. C. Roberts Electric Supply Co	Feed Cells, shades, etc. Electric supplies	33.
	M. Du Perow	Electric supplies	9.
94	Ino R Galloway	Lice Annunciator Lights and fans Gas Plates for stamp factory Salaries Wood, etc. Case, etc.	88.
24 27	U.S. Electric Lighting Co	Lights and fans	6. 61.
	Washington Gaslight Co	Gas	22.
00	The Maurice Joyce Engraving Co	Plates for stamp factory	1. 300.
ec. 30	Jas. Halley et al	Salaries	300. 147.
ec. 1	Library Bureau	Case, etc	68.
	do	Cards	9.
	The Carter's Ink Co	Cards Ink Clock Rubber stamps Hay	17.
	Pearre E Crowl Co	Rubber stamps	7. 54.
	W. M. Galt & Co	Hav	-28
	D. Frank Parker	Typewriter ribbons	24.
	Wyckoff, Seamans & Benedict	Repairs to typewriter	39.
5	The Hartman Printing Co.	Hemming towels	1.
9	W. B. Moses & Sons	Furniture etc	303.
	Rudolph, West & Co F. H. Lovell & Co Jno. D. Frazee Wm. J. Zeh R. P. Clarke Co B. B. Earnshaw & Bro H. C. Roberts Electric Supply Co M. Du Perow American Ice Co Jno. R. Galloway U. S. Electric Lighting Co Washington Gaslight Co The Maurice Joyce Engraving Co Jas. Halley et al Johnson Bros. Library Bureau do The Carter's Ink Co F. H. Lovell & Co Pearre E. Crowl Co W. M. Galt & Co D. Frank Parker Wyckoff, Seamans & Benedict Florence Lower The Hartman Printing Co W. B. Moses & Sons do Jas. S. Barron & Co United States Envelope Co Chas. Becker	Hay Typewriter ribbons Repairs to typewriter Hemming towels Rent of directory Furniture, etc do Oil, etc Fryslopes	112.
6	Jas. S. Barron & Co.	Oil, etc Envelopes Oil	9.
			38.

Date.	Name.	Nature of payment.	Total.
1900.			
ec. 6	Hugh Reilly Church & Stephenson	Paints	\$8.
	Church & Stephenson	Lumber	67.
	H. O. Wilbur The Allegheny Co	Pipe covering	20. 20.
	Z. D. Gilman	Coal Arnica	20.
	Z. D. Gilman	Dials, brackets, etc	14.
	L. S. Depue	Oats	46.
11	L. S. Depue	Carriage grease, etc	2.
	William Lewis	Caning chairs	1.
14	Eberhard Faber The Hahn Manufacturing Co	Pencils and erasers	159.
	The Hahn Manufacturing Co	Shoes for horses	18. 92.
17	D. Frank Parker	Typewriter paper	92
14	Mackall Bros Rudolph, West & Co Church & Stephenson	SoapZinc, shears, etc	67.
	Church & Stephenson	Lumber	87
	do	do	32
	R. Carter Ballantyne	Stationery supplies	17.
	M. Du Perow Wyckoff, Seamans & Benedict	Dials	2
	Wyckoff, Seamans & Benedict	Letter paper	72
	Leidy S. Depue Fred. A. Schmidt	Dials Letter paper Oats	46
10	Fred. A. Schmidt Ernest Betz	Ink	6
18 19	American Ice Co	Repairing roof, etc	96 63
10	James S. Topham	Mail bags	13
	H. J. Webber	Mail bags Traveling expenses	32
20	Clark & Davenport	Carpet, etc	84
	Clark & Davenport The Chesapeake Electric Co	Carpet, etc Desk buttons Lights and fans	1
21	United States Electric Lighting Co	Lights and fans	63
	Washington Gaslight Co	Gas	25 127
96	The Andrew J. Joyce Carriage Co	Repairs to carriage Washing towels	127
26 29	John D. Frazee Wm. H. Rupp, agent Thos. Somerville & Sons The Maurice Joyce Engraving Co	Envelopes	27
140	Thos. Somerville & Sons	Envelopes	148 10
	The Maurice Joyce Engraving Co	Engraving	2
31	James Halley et al	Salaries	2 279
		-	
001	Total second quarter		7,725
901. n. 2	Southern Rwy Co	Passenger transportation	15
11. ~	Southern Rwy. Co Baltimore and Ohio R. R. Ce	do	10
3	Washington city nost-office	do Stamps Fuel	500
5	Johnson Bros. W. M. Galt & Co. The Hammond Typewriter Co.	Fuel	602 34 15
	W. M. Galt & Co.	Hay Repairing typewriters	34
. 1	The Hammond Typewriter Co	Repairing typewriters	15
	Dhillin Lindomovy	FeedInk	25 16
	Leidy S. Depue. Phillip Lindemeyr M. P. Bush United States Envelope Co. Hugh Reilly Church & Stephenson Johnson Bros. Lua R. Galloway	Soap	30
	United States Envelope Co.	Envelopes	32
7	Hugh Reilly	Envelopes Paint and glass	12
	Church & Stephenson	Lumber	32 12 52 440
	Johnson Bros	Coal	440
	Jno. R. Galloway	Annunciator	6
	The Capital Traction Co	Car tickets	41
11	D Frank Parker	Typewriter paper etc	101
11	Jno. C. Parker	Pencil pointer	101
12	Jno. R. Galloway The Capital Traction Co United States Express Co D. Frank Parker Jno. C. Parker Instantaneous Fire Alarm Co	Transportation Typewriter paper, etc. Pencil pointer Rent boxes	15
14	I. P. Roosa Chas. R. Edmonston	Services Buckets and cooler	75
	Chas. R. Edmonston	Buckets and cooler	11
	W. H. Butler- Rudolph, West & Co	Paint-shop supplies	2
	Z. D. Gilman	Hardware Sponges	15
	Jno C Parker	Stationery supplies	$\frac{4}{1,142}$
11	Jno. C. Parker	Repairing typewriter	15
	writer Co.		20
	writer Co. United States Electric Lighting Co	Lights, etc.	73
	American Ice Co Washington Gaslight Co	Ice	59
	Washington Gaslight Co	Gas	27
10	United States Electric Lighting Co	Lights in building	10 4
18	Richard S. Lamb Wm. H. Rupp	Pads Excelsior journal	3
	W.B. Moses & Sons	Furniture, etc	567
	Albert Kahlert & Co	Cleaning rugs, etc	80
	Fred. A. Schmidt	Ruling pens	6
	Fred. A. Schmidt	Repairing typewriter	15
	writer Co.	TT 1	00
	Jas. B. Lambie	Hardware	36. 12.
10			
19	J. B. Kendall	Pads	33
19	R. P. Clarke Co United States Engraving and Stamp Works	Dusters, etc	33 25 12

Date.	Name.	Nature of payment.	Total.
1901.			
Jan. 21	Eberhard Faber	Bands	\$32,40
0 00221 102	Eberhard Faber United States Envelope Co-	Envelopes	\$32.40 13.83
	Library Bureau	Index guides	1.15
	Phillip Lindemeyr	Stamp ink	6.00
22	The Geo. W. Knox Express Co	Envelopes Index guides Stamp ink Pencils Transportation	35. 24 1. 10
	do	- do - Record paper, etc - Changing telephone - Continued to the continued	1.41
	Jno. C. Parker	Record paper, etc.	100.57
	Capital Traction Co	Car tickets	1.95 41.50
	Thos. Somerville & Sons	Car tickets Marble slabs Glass	16.38 9.10
	Hugh Reilly	Glass	9.10
	The Andrew J. Joyce Carriage Co	Repairs to carriage	26.00 6.50
24	Grafton & Sons	Repairing roofs	161.50
	do	Repairing gutters, etc	39.97
	The W Conith	Tinning	36.80
	Cleveland Cycle Co	Doors Repairing bicycle Letter press Pins and wastebaskets	6. 60 7. 45
	Jno. C. Parker	Letter press	7. 45 22. 72
	R. Carter Ballautyne	Pins and wastebaskets	28.05
	I H Brigham	Traveling expenses	55.56 17.00
-26	Hugh Reilly	Glass.	6.50
	Orient Cycle Co	Bicycle	33.00
	The Maurice Joyce Engraving Co	Engraving autographs	2.00 3.50
29	The Allegheny Co	Coal	26. 62
30	Smithsonian Institution	Transportation exchanges	41.20
Feb. 2	Jas. Halley et al	Pins and wastebaskets Stamp rubber, etc Traveling expenses Glass Bicycle Engraving autographs Clippings Coal Transportation exchanges Salaries Coal	244.10 705.17
Feb. 2	Library Rureau	Case and cards	27.00
	Louis Hartley	Horseshoes, etc	27.00 13.26
, 5	Wm. H. Rupp	Fountain pens	4.00
` 6	Leidy S. Denue	Passenger transportation	27.50 48.70
8	C. Becker	Stable supplies	55.36
	Standard Oil Co.	Oil	55.36 27.61
11	Eberhard Faber United States Envelope Co. Library Bureau Phillip Lindemeyr C. S. Braisted The Geo. W. Knox Express Co. do Jno. C. Parker The Chesapeake and Potomac Telephone Co Capital Traction Co. Thos. Somerville & Sons. Hugh Reilly The Andrew J. Joyce Carriage Co. do. Grafton & Sons. do Thos. W. Smith Cleveland Cycle Co. Jno. C. Parker R. Carter Ballantyne Pearre E. Crowl Co. J. H. Brigham Hugh Reilly Orient Cycle Co. The Maurice Joyce Engraving Co. Burrelle's Press Clipping Bureau The Allegheny Co. Smithsonian Institution Jas. Halley et al. Johnson Bros. Library Bureau Louis Hartley Wm. H. Rupp Southern Rwy. Co. Leidy S. Depue C. Becker Standard Oil Co. W. M. Galt & Co. Jno. Reynders & Co. The Carters Ink Co. Bates Manufacturing Co. M. Du Perow American Ice Co. W. B. Moses & Sons do	Stable supplies	33.00 5.00
11	The Carters Ink Co	Ink and mucilage.	18.60
	Bates Manufacturing Co	Ink	9.00
	M. Du Perow	Lee	$ \begin{array}{r} 1.40 \\ 54.10 \end{array} $
12	American Ice Co. W. B. Moses & Sons.	Furniture	91. 85
		Desk	28.00 3.00
	The Strowger Automatic Telephone Exchange.	Coal Case and cards Horseshoes, etc Fountain pens Passenger transportation Feed Stable supplies Oil Hay Stable supplies Ink and mucilage Ink Electric supplies Ice Frurniture Desk Rent	3.00
	The Chesaneake Electric Co		1.45
	Library Bureau United States Envelope Co	Cards Envelopes Telephone rentdo Telephone service Wood Coal Whick brooms	. 60
	The Chesaneake and Potomac Telephone Co.	Telephone rent	11.88
	do	do	7.00
10	do	Telephone service	62.50
13	The Chesapeake and Potomac Telephone Co do Johnson Bros	Wood	15.00 7.00 62.50 137.54 486.37
	R. P. Clarke Co	Whisk brooms	16.00
	do R. P. Clarke Co Standard Oil Co Church & Stephenson Richard L. Lamb. The Smith Premier Typewriter Co S. P. Johnson Jennie T. Thomson Hugh Reilly J. H. Brigham Jno. D. Frazee do D. Frank Parker Chas. Becker	Wood Coal Whisk brooms Benzine and can Lumber Steneil plate, etc Repairs to typewriter do Embossing Glass and glue Traveling expenses Washing towels do Typewriter ribbons	1.15 97.93
14	Church & Stephenson	Lumber	97.93
11	The Smith Premier Typewriter Co	Repairs to typewriter	7.50
18	S. P. Johnson	do	. 55 7. 50 2. 25 65. 70
	Jennie T. Thomson	Embossing	65. 70
20	J. H. Brigham	Traveling expenses	5. 45 23. 73
	Jno. D. Frazee	Washing towels	22.66
01	do	do	28.19 63.00
21	Chas Becker	Typewriter ribbons	63.00 42.30
	Jno. C. Parker	Oil finish, etc Typewriter desk, etc. Telegraph service. do	50.50
23	Postal Telegraph Cable Co	Telegraph service	30.65
26	Western Union Telegraph	Glass	12.58 3.85
AU	Geo. F. Muth & Co	Painting materials	65. 67
	Harris & Shafer Co	Repairing clocks, etc	11.10
	Wm. H. Rupp	Fountain pen	4.00
	D. Frank Parker Chas. Becker Jno. C. Parker Postal Telegraph Cable Co Western Union Telegraph Hugh Reilly Geo. F. Muth & Co Harris & Shafer Co Wm. H. Rupp Thos. Somerville & Sons Z. D. Gilman do	Prescription	19.90 1.00
	do	Naphthaline	1.00
	Rudolph, West & Co United States Electric Lighting Co Washington Gaslight Co	do Glass Painting materials Repairing clocks, etc Forntain pen Hardware Prescription Naphthaline Nails, etc Electric current, etc Gas	6. 28 82. 90
	Washington Gaslight Co	Gas	82. 90 30. 70
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	30.10

Date.	Name.	Nature of payment.	Total.
1901.			
Feb. 27	Adams Express Co	Transportation	\$6.91 11.88
28	United States Envelope Co	Envelopes	11.88
	J. H. Bunnell & Co Jas. Halley et al	Lamp cord	8.75 241.59
Mar. 1	Mackall Bros	Soap, etc	20.95
	W. B. Moses & Sons	Furniture, etc	40.36
5	Capital Traction Co	Car tickets Coal and wood	41.50
8	Johnson Bros Chas. E. Hodgkin	Plate glass counter	960.31 27.00
13	C. Becker	Hoof packing	4.27
20.5	W. M. Galt & Co National Electrical Supply Co	Hay	4. 27 36. 80
	National Electrical Supply Co	Sockets	2.40 20.35
	Jno. C. Parker	Bookcase	20.38
14	L. S. Depue. Rudolph, West & Co. The Geo. W. Knox Express Co.	Feed	48.70 15.39
LT	The Geo. W. Knox Express Co.	Hardware, etc	2.00
18	Eberhard Faber H. Kohnstamm & Co	Bands	2.00 99.52
	H. Kohnstamm & Co	Ink	3.00
	United States Engraving and Stamp Works	Material for rubber stamps	4.05
	C. Becker Richard L. Lamb D. Frank Parker	Stable supplies Daters and date bands	24.98
	D. Frank Parker	Typewriter paper, etc	- 7. 40 94. 50
		Horses	225.00 46.35
4.0	B. B. Earnshaw & Bro The A. J. Joyce Carriage Co. M. Du Perow J. T. Thomson.	Ice	46.35
19	The A. I. Joyge Carriege Co.	Feed, etc	16.91 2.00
	M. Du Perow	Repairs to carriage	2.00 .90 7.00 105.10 2.98 109.22 73.50
	J. T. Thomson	Stamping	7.00
	Thos. Somerville & Sons. Burrelle's Press Clipping Bureau	Stamping	105.10
20	Burrelle's Press Clipping Bureau	Clippings	2.98
23	R. Carter Ballantyne	Stationery supplies	109.2% 79.50
	R. Carter Ballantyne Jno. S. P. Green P. H. Heiskell, jr., & Co	Harness	50.00
	Adams Rios	Ventilator elbows	1.00
25	Jno. C. Parker The Chesapeake and Potomac Telephone Co	Pencil pointers, etc	2.40
	The Chesapeake and Potomac Telephone Co	Moving telephone	. 30
	Washington Gaslight Co United States Electric Lighting Co	Gas Electric current	28. 00 63. 64
30	Jas. Halley et al	Salaries	380.10
	Total third quarter		10,624.03
Apr. 1	1		,
	Tue C Deplron	Ctation our annulies	600 61
ipi. i	Jno. C. Parker Louisville and Nashville R. R. Co	Stationery supplies	
	Jno. C. Parker Louisville and Nashville R. R. Co Jas. B. Lambie	Stationery supplies	9. 17 15. 79
2	Jno. C. Parker Louisville and Nashville R. R. Co Jas. B. Lambie The Allegheny Co	Hardware Coal	9. 17 15. 79 3. 32
	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons	Coal Cover for vault	9. 17 15. 79 3. 32 5. 00
2	Jas. B. Lambie The Allegheny Co C. A. Schneider's Sons Richd, L. Lamb	Hardware Coal Cover for vault Ink	9. 17 15. 79 3. 32 5. 00 11. 50
	Jas. B. Lambie The Allegheny Co C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau	Hardware Coal Cover for vault Ink Clippings	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40
3	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa	Hardware Coal Cover for vault Ink Clippings Horseshoes Services	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00
2	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 3. 50
3	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 3. 50 34. 58
2 3 9	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairing bicycle	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 3. 50 34. 58
3	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz do Cleveland Cycle Co The J. C. Ergood Co. Rudolb West & Co.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairing bicycle Pearline Brushes, etc	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 3. 50 34. 58 - 75 17. 25 24. 45
2 3 9	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz do Cleveland Cycle Co The J. C. Ergood Co. Rudolb West & Co.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairing bicycle Pearline Brushes, etc Repairing typewriter	9.17 15.79 3.32 5.00 11.50 2.40 11.25 75.00 34.58 34.58 17.25 24.45 5.00
2 3 9	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz do Cleveland Cycle Co The J. C. Ergood Co. Rudolb West & Co.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairins Repairine Brushes, etc Repairing typewriter Feed	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 34. 58 - 75 17. 25 24. 45 5. 00 48. 70
2 3 9	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz do Cleveland Cycle Co The J. C. Ergood Co. Rudolb West & Co.	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 3. 50 34. 58 17. 25 24. 45 5. 00 48. 70 4. 80
2 3 9	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture	9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 11. 25 75. 00 3. 50 34. 58 77. 25 24. 45 5. 00 48. 70 4. 80 170. 50 28. 88
2 3 9	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co Rudolph, West & Co S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co Church & Stenhenson	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hav	9. 17 15. 77 3. 3. 32 5. 00 11. 56 2. 44 11. 25 75. 00 3. 56 34. 58 77. 25 24. 45 5. 00 4. 80 170. 56 28. 88 182. 22
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co Rudolph, West & Co S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co Church & Stenhenson	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairins Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do	9. 17 15. 77 3. 32 5. 00 11. 56 2. 44 11. 22 75. 00 3. 56 34. 58 4. 86 24. 45 5. 00 48. 70 4. 80 170, 56 28. 88 182. 27 13. 77
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz do Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephenson do Thos W. Smith	Hardware Coal Cover for vault Ink Cippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do	9, 17 15, 78 3, 36, 35 5, 00 11, 55 75, 00 3, 55 17, 22 24, 44 4, 87 4, 87 170, 56 28, 88 182, 22 18, 77 2, 25 28, 28
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz do Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephenson do Thos W. Smith	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairins Bepairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do do Paper	9, 17 15, 77 3, 3, 3, 3, 5, 00 11, 5, 00 11, 5, 00 4, 15, 00 4, 5, 00 170, 5, 00 4, 8, 8, 8, 182, 2, 11, 17, 2, 2, 18, 170, 5, 18, 170, 5, 18, 18, 170, 5, 18, 18, 170, 2, 5, 2, 5, 65, 65, 65, 65, 65, 65, 65, 65, 65,
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephenson do Thos. W. Smith Valley Paper Co. Library Bureau Jno. C. Parker	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Paper Cabinet cases, etc	9, 17 15, 77 3, 3, 32 5, 00 11, 55 2, 44 11, 22 17, 5, 00 3, 5, 5 4, 5 5 4, 48, 70 48, 70 48, 70 48, 70 28, 88 182, 22 13, 77 2, 5 5 65, 00 168, 00 168, 00 168, 00 86, 40
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephenson do Thos. W. Smith Valley Paper Co. Library Bureau Jno. C. Parker	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairis Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do —do —ado —ado —ado —ado —ado —abinet cases, etc Clips Cabinet, etc.	9, 11 15, 77 3, 3, 3, 3, 5, 0 11, 5, 6 2, 44 11, 2, 2 75, 0 3, 5, 6 4, 5, 6 170, 5, 6 182, 22 4, 8 182, 27 2, 8, 8 182, 27 2, 6 5, 0 168, 0 168, 0 86, 4 45, 3
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betzdo Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephensondo Thos. W. Smith Valley Paper Co Library Bureau Jno. C. Parkerdo Rudolph, West & Co.	Hardware Coal Cover for vault Ink Cippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Paper Cabinet cases, etc Clips Cabinet, etc Dumb waiter	9, 17 15, 77 3, 3, 32 5, 00 11, 5, 00 11, 22 75, 00 44, 53 17, 22 24, 44 48, 77 4, 80 170, 55 65, 00 188, 00 188, 00 188, 66 189, 66 1
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephenson do Thos. W. Smith Valley Paper Co Library Bureau Jno. C. Parker do Rudolph, West & Co. Rudolph, West & Co. Right Stephenson Right S	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairis Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Daper Cabinet cases, etc Clips Cabinet, etc Dumb watter Soan, etc	699. 61 9. 17 15. 79 3. 32 5. 00 11. 50 2. 40 3. 50 3. 50 34. 58 75. 90 48. 70 4. 80 170. 50 28. 88 182. 27 13. 77 2. 52 65. 00 168. 00 86. 40 45. 39 59. 50 110. 53 86. 40 87. 50 88. 40 89. 50 80. 40 80. 40 8
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz. do Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephenson do Thos. W. Smith Valley Paper Co Library Bureau Jno. C. Parker do Rudolph, West & Co. Rudolph, West & Co. Right Stephenson Right S	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairis Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Daper Cabinet cases, etc Clips Cabinet, etc Dumb watter Soan, etc	9, 17 15, 77 3, 8, 33 5, 00 11, 15 2, 44 11, 25 75, 00 3, 5, 5, 6 75 24, 45 48, 77 4, 88 170, 5, 5 182, 27 183, 77 2, 5 65, 00 168, 00 168, 04 45, 33 48, 35 59, 50 110, 53
3 9 10	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Paper Cabinet cases, etc Clips Cabinet, etc Dumb waiter Soap, etc Matches Fare tickets Lice	9, 17 15, 77 3, 3, 32 5, 00 11, 55 4, 12, 24 11, 20 3, 45 17, 50 17, 24 4, 80 170, 55 28, 88 182, 27 18, 77 26, 65, 00 168, 00 168, 00 168, 00 170, 55 180, 44 180, 44
3 9 10 11 12 16	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairins Brepairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do Paper Cabinet cases, etc Clips Cabinet, etc Dumb waiter Soap, etc Matches Fare tickets Ice Postal Guides	9, 17 15, 77 3, 3, 32 5, 00 11, 15 2, 44 11, 12 17, 20 18, 17 17, 22 18, 17 17, 22 18, 18 18, 27 18, 30 188, 04 19, 55 10, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55 110, 55
2 3 9 10 11 12 16	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betzdodo Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephensondodododo	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Paper Cabinet cases, etc Clips Cabinet, etc Dumb waiter Soap, etc Matches Fare tickets Lice	9, 17 15, 77 3, 3, 32 5, 00 11, 15 2, 44 11, 12 75, 00 3, 15 34, 15 34, 15 35 44, 15 48, 77 4, 80 170, 55 60, 00 188, 00 48, 77 2, 55 65, 00 188, 00 48, 38 41, 30 43, 38 43, 38 41, 50 53, 63 53, 63 53, 63 53, 63 53, 63 53, 63 52, 00
2 3 9 10 11 12 16	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Paper Cabinet cases, etc Clips Cabinet, etc Dumb waiter Soap, etc Matches Fare tickets Ice Postal Guides Telephone rent	9.17 15.79 3.32 5.00 11.50 2.40 11.25 75.00 3.4.58 77.25 24.4.5 5.00 48.70 4.80 170.50 28.88 182.27 13.77 2.52 65.00 168.00 168.00 168.40 45.39 59.50 110.53 3.36 41.50 53.63 25.00 11.50
3 9 10 11 12 16	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betzdodo. Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephensondodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairs Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Daper Cabinet cases, etc Clips Cabinet, etc Dumb waiter Soap, etc Matches Fare tickets Ice Postal Guides Telephone rent Rent of alarm box	9, 17 15, 77 3, 3, 32 5, 00 11, 5, 60 11, 5, 60 11, 5, 60 15, 60 15, 60 168, 00 168, 00 168, 00 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 60 168, 6
2 3 9 10 11 12 16	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betz	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairis Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do clo clo services Wentilators Repairing typewriter Feed Molding Furniture Hay Lumber Lumber Lumber Lumber Lumber Lumber Repairing typewriter Feed Furniture Hay Lumber Repairing typewriter Feed Matches Fare tickets Lice Postal Guides Telephone rent Rent of alarm box Lighting grounds Lighting grounds Lighting grounds	9.17 15.79 3.32 5.00 11.50 2.40 31.50 34.58 47.5 24.45 5.05 0.048.70 4.80 48.70 4.80 170.50 28.88 182.27 13.77 2.552 65.00 168.00 10.53 3.36 45.39 59.50 51.50 53.63 25.00 11.50 15.00 78.06
3 9 10 11 12 16	Jas. B. Lambie The Allegheny Co. C. A. Schneider's Sons Richd. L. Lamb. Burrelle's Press Clipping Bureau The Hahn Manufacturing Co. I. P. Roosa Ernest Betzdodo. Cleveland Cycle Co The J. C. Ergood Co. Rudolph, West & Co. S. P. Johnson L. S. Depue W. H. Veerhoff W. B. Moses & Sons W. M. Galt & Co. Church & Stephensondodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	Hardware Coal Cover for vault Ink Clippings Horseshoes Services Ventilators Repairing bicycle Pearline Brushes, etc Repairing typewriter Feed Molding Furniture Hay Lumber do do Cabinet cases, etc Clips Cabinet cases, etc Clips Cabinet, etc Dumb waiter Soap, etc Matches Fare tickets Ice Postal Guides Telephone rent Rent of alarm box Lighting grounds	9, 17 15, 77 3, 3, 3, 3, 3, 3, 3, 5, 0, 0, 11 1, 5, 75 75, 00 3, 5, 5, 6, 6, 7, 75 24, 4, 44 45, 77 4, 88, 88 170, 5, 6, 0, 0 188, 77 2, 5, 5, 6, 0, 0 188, 77 2, 5, 5, 6, 0, 0 188, 77 2, 5, 5, 6, 0, 0 188, 77 2, 5, 5, 6, 0 198, 77 2, 5, 5, 6, 0 10, 5, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,

Date.	Name.	Nature of payment.	Total.
1901.			
Apr. 22	Johnson Bros. Manhattan Electric Supply Co F. H. Lovell & Co. Richd L. Lamb. Louis Hartig Jas. B. Lambie Thos. Somerville & Sons. The Pullman Co. The New York, New Havenand Hartford R. R. Co. Wyckoff Seamans & Benedict	Coal Pliers	\$941.77 1.30
	F H Lovell & Co	Clocks	14.50
	Richd, L: Lamb	Clocks Stamp, ink, etc	18. 65 4. 25 5. 37
	Louis Hartig	Horseshoes Hardware for blacksmith shop- Plumbing materials Passenger transportation	4. 25
	Thos Somerville & Sons	Plumbing materials	173.93
	The Pullman Co	Passenger transportation	8.50
	The New York, New Haven and Hartford	do	8.50 4.25
24	R. R. Co. Wyelroff Soomans & Banadict	Repairing typewriter Stable supplies Copying books Maps Clippings Expenses Transportation do Salaries	57 55
~±	R. C.O. Wyckoff. Seamans & Benedict C. Becker H. C. Davison & Co Rand, McNally & Co Burrelle's Press Clipping Bureau	Stable supplies	57.55 $31.75$
	H. C. Davison & Co	Copying books	81.00
oe.	Rand, McNally & Co.	Maps	18.00 2.70
26 27	I P Roosa	Expenses	114.81
~1	United States Express Co	Transportation	7.02
00	Adams Express Co	do	8. 61 367. 10
May 1	Jas. Halley et al	Coal	5.39
Diay 1	W. B. Moses & Sons	Chairs	5. 60 2. 00
	do	Chairs Mirrors	
	J. T. Thomson	Stamping	14.88
2	Washington City nost-office	Stamps	10. 18 500. 00
~	Smith Premier Typewriter Co	Repairs to typewriter	8.70
3	The Chesapeake and Potomac Telephone Co	Telephone rent	8.70 62.50
	Rand, McNally & Co.  Burrelle's Press Clipping Bureau I. P. Roosa United States Express Co. Adams Express Co. Jas. Halley et al. Wm. J. Zeh. Wm. J. Zeh. W. B. Moses & Sonsdo J. T. Thomson Ernest Betz Washington City post-office Smith Premier Typewriter Co. The Chesapeake and Potomac Telephone Co. do. do. do. do. do. R. P. Clarke & Co. Western Union Telegraph Co. do. do. Hrough Express Clipping Bureau Richd. L. Lamb H. C. Roberts Electric Supply Co.	Mirrors Stamping Tinning Stamps Repairs to typewriter Telephone rent do do do Telephone call Tape Telegraph service do Clippings Rubber stamp pad Batteries Electric lights	15. 00 7. 00
	do	do	5. 28
	do	Telephone call	. 10 5. 37
4	R. P. Clarke & Co	Tape	5.37
8	western Union Telegraph Co	Telegraph service	4.89
13	Burrelle's Press Clipping Bureau	Clippings	7. 64 2. 50 2. 25
	Richd. L. Lamb	Rubber stamp pad	2.25
16	H. C. Roberts Electric Supply Co	Batteries	10.00 63.43
10	American Ice Co	Ice	59, 59
	Burrelle's Press Clipping Bureau Richd. L. Lamb H. C. Roberts Electric Supply Co United States Electric Lighting Co American Ice Co The A. J. Joyce Carriage Co Chas. Becker L. S. Depue Jas. B. Lambie W. M. Galt & Co D. Frank Parker Rudolph, West & Co Jno. D. Frazee J. P. Nawrath Library Bureau	Ice Repairs to carriage Oil	58.25 15.00
	Chas. Becker	Oil	15.00 46.20
	Jas. B. Lambie	Packing and nails	8.55
	W. M. Galt & Co	Onts Packing and nails Hay Typewriter, paper, etc Scissors Washing towels Sponges Conds etc	36.05
150	D. Frank Parker	Typewriter, paper, etc	105.30
17	Ino. D. Frazee	Washing towels	29.67 85.59 7.00
20	J. P. Nawrath	Sponges	7.00
24	Library Bureau	Cards, etc.	59.20
9*	J.F. Navrau Library Bureau F. H. Lovell & Co Church & Stephenson Western Union Telegraph Co do do	Cards, etc	. 81 30. 00
27 28	Western Union Telegraph Co	Service	2. 57
	do .,	do	2. 57 3. 38
	do	do	3. 15 2. 73
	do	do	4.87
	do do R. P. Clarke Co W. H. Rupp, agent W. B. Moses & Sons The A. J. Joyce Carriage Co The Allegheny Co Thos. Somerville & Sons	Feather dusters	4.87 13.70
	W. H. Rupp, agent	Envelopes Leather cushions Axle grease Coal	8.20
	The A. J. Joyce Carriage Co	Axle grease	4.50 1.50
	The Allegheny Co	Coal	16.67
01	Thos. Somerville & Sons	Basins, etc	10.08
June 3	Jas. Halley et al W. H. Rupp	Cande oto	161. 80 6. 00
o dine	W. H. Dyer	Molding	2.00
	W. H. Dyer United States Envelope Co Wyckoff, Seamans & Benedict	Molding Envelopes Repairs to typewriter	2.00 7.74
	wyckon, Seamans & Benedict	Repairs to typewriter	4. 40 2. 35
	B. B. Ernshaw & Bro	do Straw and bran Towels Lead, japan, etc.	32. 12
4	R. P. Clarke Co	Towels	32. 12 17. 00
	Geo. F. Muth & Co.	Lead, japan, etc.	28 63
	Washington Gaslight Co	Gas	27.30
	Josephine Clark	Gas Traveling expenses	10. 27 27. 30 12. 00
5	W. B. Moses & Sous	Chairs, etc	20.04
14	Adams Express Co	Transportation	20.75 8.28
14	The Smith Premier Typewriter Co	Repairs to typewriter	8.28 .50
	Wyckoff, Seamans & Benedict do B. B. Ernshaw & Bro R. P. Clarke Co Geo. F. Muth & Co B. Carter Ballantyne Washington Gaslight Co Josephine Clark W. B. Moses & Sous Capital Traction Co Adams Express Co The Smith Premier Typewriter Co Burrelle's Press Clipping Bureau J. H. Burnell & Co Leidy S. Depue C. Becker	Traveling expenses Chairs, etc Pare tickets Transportation Repairs to typewriter Clippings Silk cord Oats Supplies	1.94
	I H Burnell & Co	Silk cord	8.75
18	Loidy C Donno	Onto	23. 10

# Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
une 18	The Maurice Joyce Engraving Co	Engraving	\$1.5 71.5
***	American Ice Co	Ice	71.
19	W. M. Galt & Co	Hay	36.9
21	Johnson Bros	Wood	79.
<i>4</i> 1	Ernest Betz	Repairs	1.
	Johnson Bros	Coal	4. 352.
	Johnson Bros. Western Union Telegraph Co. Charles Grose Harris & Shafer Co	Service	16.
22	Charles Grose	Caning chairs Repairing clock	
	Harris & Shafer Co	Repairing clock	1.
	R. C. M. Burton	Putting up awnings	38.
25	Jas. K. Taylor	Traveling expenses	7.
	Welsbach Co B. B. Ernshaw & Bro W. H. Lowdermilk & Co	Lights with glass	5. 16.
	B. B. Ernsnaw & Bro	Feed Dictionaries	13.
27	Wackall Bros	Camphor	3,
~ 1	Mackall Bros United States Electric Lighting Co	Electric current	55.
	do	Use arc lamp	7.
	do	Gas Repairs to typewriter Cuspidors Salaries	7. 22.
28	Wyckoff, Seamans & Benedict	Repairs to typewriter	22.
	Rudolph, West & Co Jas. Halley et al	Cuspidors	22.
29	Jas. Halley et al	Salaries	156.
	Metal family quantant		0 050
			6,856.
	Supplemental.		
aly. 2	Blue Line Transfer Co	Transportation	3.9
3	Rand, McNally & Co:	Maps	8.
6	I. P. Roosa	Services	75.0
9	The Allegheny Co	Coal	6. 23.
	Johnson Bros	do	23.
13	Instantaneous Fire Alarm Co	Box rent	15.
19	The Chesapeake and Potomac Telephone Co The Geo. W. Knox Express Co	Transportation	15.0 5.3
16	Journal Newspaper Co	Advertising	15.
10	Tribune Association	do	34.
	Sun Printing and Publishing Association.	do	34.
	The Washington Post Co	do	14.3
	do	Subscription	4.
17	The Strowger Automatic Telephone Ex-	Rent	1.
19	change.	Gas	19.0
10	Washington Gaslight Co United States Express Co	Transportation	4
22	United States Electric Lighting Co	Current	75.
24	Tribune Co	Advertising	27.0
	Tribune Co	Advertising Transportation	12.8
29	W. H. Rupp Leidy S. Depue The Broadstreet Co	Bookholder	2.
30	Leidy S. Depue.	Oats	36.
77.01 1	The Broadstreet Co	Subscription	200
ug. 1	Pand MaNally & Co	Supplies	209.
2	Jno. C. Parker Rand, McNally & Co Burrelle's Press Clipping Bureau G. F. Muth & Co	Atlas	4. 75. 27. 12. 2. 36. 75. 209. 7. 22. 22. 63. 7. 16.
	G. F. Muth & Co	Lead, etc.	22.
	Albert Kahlert & Co Jennie T. Thomson Church & Stephenson W. B. Moses & Sons American Ice Co	Cleaning carpets, etc	63.
	Jennie T. Thomson	Stamping stationery	7.
	Church & Stephenson	Lumber Desk and stool	16.
0	W. B. Moses & Sons	Desk and stool	20.
9	American Ice Co	Tumblem etc	92.
$\frac{10}{12}$		Tumblers, etc	20. 7.
1.4	Rudolph, West & Co. The Geo. W. Knox Express Co.		2.
13	Jno. C. Parker	Railway Guide	5.
16	Clark & Davenport	Carpet, etc	68.
21	The Chesapeake and Potomac Telephone Co	Rent	97.
22	Blue Line Transfer Co	Transportation	3.
pt. 7	American Bicycle Co	Tire and repairs	5.
et. 11	Evening Star Newspaper Co	Advertising	9. 9.
	The Geo. W. Knox Express Co Jno. C. Parker Clark & Davenport The Chesapeake and Potomac Telephone Co Blue Line Transfer Co American Bicycle Co Evening Star Newspaper Co The Times Co The Geo. W. Knox Express Co Postal Telegraph Cable Co	do	2.
12	Postál Telegraph-Cable Co	Service	1.0
1.0	a oster ready whi	` -	
	Total		1,174,
	RECAPITULAT		00 001 6
	arter		\$9,031.3
rst qua			
cond o	uarter	· · · · · · · · · · · · · · · · · · ·	10, 624
cond quird qu	arter uarter iarter uarter		10, 624. 6, 856.

## Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. ANIMAL QUARANTINE STATIONS.

### [1900-1901.]

Date	е.	Name.	Nature of payment.	Total.
1900	).			
July	24	S. R. Burch Thos. Hawkins Geo. W. Pope et al. Harry F. Hume Patk. Dorsey W. H. Wade. County & Co.	Traveling expenses	\$31.00
Aug.	3	Thos. Hawkins	LaborSalaries	22.50 239.10
	4	Harry F. Hume	Services	39.00
		Patk. Dorsey	Servicesdo	39.00
	10	W. H. Wade	Salary Nails	75.80 46.50
	11	Conant & Co Thacher & Ireland	do	7.95
	28	W. C. Pennywitt S. R. Burch Fred. A. Schmidt	Traveling expensesdododododo	36.50
	29	Fred A Schmidt	Renairs to transit	29.20 5.00
Sept.		Patk. Dorsey W. H. Wade	Labor	39.00
		W. H. Wade	Salary Labor	75.80 43.50
		W. H. Wate Harry F. Hume Campbell, Morrell & Co Geo. W. Pope Geo. W. Pope et al. Jno. H. Merselis et al.	Feed	22.47
		Geo. W. Pope	Feed Traveling expenses	5.02
	10	Geo. W. Pope et al	Salaries Purchase of land	239.10
	17	Jas B Lambie	Nails	9, 447.00 3.15
		W. C. Pennywitt	Traveling expenses	11.25
	18	Jas. B. Lambie W. C. Pennywitt do Geo. W. Pope	Traveling expenses Expenses Traveling expenses	1.60
	22	Geo. W. Pope	Expenses	5.75 1.15
		Total, first quarter		10, 466. 32
Oct.	5	W. H. Wade Geo. W. Pope et al	Salary	73.40
	8 12	Geo. W. Pope et al.	Salaries	240. 43
	15	E. B. Jones Patk. Dorsey	Traveling expenses Labor	3.86 34.50
		Harry F. Hume	do	37.50
2	23	Harry F. Hume Geo. W. Pope A. G. G. Richardson	Traveling expenses	1.85
		Conant & Co.	Cement	1.85 22.06 7.95
		do .	Rent of land Passenger transportation Purchase of lands	8. 40 62. 50
	24	H. J. Harwood Pennsylvania R. R. Co J. E. Merselis and H. Merselis	Rent of land	62.50
	24 29	J. E. Merselis and H. Merselis	Purchase of lands	20.00 $4,171.20$
		Henry Kesse	do	996.80
Nov.	1	Henry Kesse Albert Brauer New York and New Jersey Telephone Co- Chas. Hubinger Joseph Strudwicke Walworth Construction and Supply Co- The Mansfield Plumbing Co- R. W. Burrell Wm. H. Wade A. G. G. Richardson W. C. Pennywitt do	Telephone service	2,000.00 24.00
1101.		Chas. Hubinger	Repairing wells	13.07
	2	Joseph Strudwicke	Repairing wells Labor on wells Repairs to pump Repairing wells Pipe	11 25
		The Mansfield Plumbing Co	Renairing wells	4. 02 17. 80
		R. W. Burrell	Pipe	5.67
	$\frac{6}{12}$	Wm. H. Wade	Salary Expenses Traveling expenses	75.80
	13	W. C. Pennywitt	Traveling expenses	. 75 14. 62
		do	Expenses Land rent	2.70
1	14	The Garfield Land Association	Land rent	450.00 40.50
		Harry F. Hume Patrick Dorsey. Geo. W. Pope et al	Salary do Salaries Traveling expenses	34.50
	15	Geo. W. Pope et al	Salaries	256.00
9	$\frac{17}{22}$	The Real Estate and Improvement Co	Traveling expenses	$\begin{array}{c} 2.15 \\ 56.25 \end{array}$
Dec.	22	The Real Estate and Improvement Co Walworth Construction and Supply Co	Oil	1.40
		B. F. Smith & Bro	Well pipes	270.00
	7	B. F. Smith & Bro do Geo. W. Pope et al	Well pipes Pump, etc Salaries	6.31 $248.00$
		do W. H. Wade W. H. Wade Harry F. Hume Patrick Dorsey. Baltimore and Ohio R. R. Co. Victor A. Norgaard	Expenses	6.38
	$\frac{10}{11}$	W. H. Wade	Salary	73, 40 39, 00
1	14	Patrick Dorsey	do	25.50
4	20 26	Baltimore and Ohio R. R. Co.	Passenger transportation	10.00
2	¢0	victor A. Norgaard	Traveling expenses	28.30
		Total, second quarter		9, 397. 82
1901.				
	2	Jno. R. Mohler	Traveling expenses	22.65
		Pennsylvania R. R. Co	Passenger transportation	10.00
		Michl Growney	Sale of land	6,390.00 2,700.00
		Chas. and Albert Brauer	do	600.00
	3	Jno. R. Mohler Pennsylvania R. R. Co Elenor Snyder Michl. Growney Chas. and Albert Brauer G. T. Zabriskie	Repairs to harness	2.55

## $Expenditures \ of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901 — {\bf Cont'd.}$

## ANIMAL QUARANTINE STATIONS—Continued.

Date.			
	Name.	Nature of payment.	Total.
1901.			
Jan. 3	Maremus Koppenaal Thacher & Ireland	Wagon body Coal Salary Pay roll Traveling expenses Expenses Salary Traveling expenses do	\$20.00
	Thacher & Ireland	Coal	8.03
8	Wm. H. Wade	Salary	75.80
. 11	Wm. H. Wade Geo. W. Pope et al W. C. Pennywitt	Treveling expenses	256.00 34.62
. 11	do	Expenses	31.55
14	W. C. Pennywittdo	Salary	43.50
18	A. G. G. Richardson	Traveling expenses	43.50 16.72
1	Geo. W. Pope	do	5.64
-	do	do do Expenses Stone posts Horseshoeing Land rent	1.85
19	Wild Prog	Expenses	. 50 17. 43
10	J. C. Philbrook	Horseshoeing	3.00
	The Real Estate and Improvement Co. of	Land rent	56.25
	Baltimore.		
23	H. J. Harwood A. G. G. Richardson	do	62.50
24	A. G. G. Richardson	Expenses	5.32
	Adolph Kroll The New York and New Jersey Telephone	Carbolic acid	19.50 23.90
	Co.	Telephone service	49, 90
30	The Garfield Land Association	Land rent	450.00
Feb. 1	The J. A. Van Winkle Co	Glass, lead, etc.	11.05
6	Baltimore and Ohio R. R. Co	Land rent Glass, lead, etc. Passenger transportation Pay roll	20.00
7	G. W. Pope et al.	Pay roll	261.80
16	Geo. W. Pone	Traveling expenses	77.50 2.45
10	Co. The Garfield Land Association. The J. A. Van Winkle Co. Baltimore and Ohio R. R. Co. G. W. Pope et al. W. H. Wade. Geo. W. Pope Harry F. Hume. Geo. W. Pope R. J. O'Brien. Fauth & Co.	Pay roll Salary Traveling expenses Salary Expenses Feed Repairing transit Salary do Pay roll Traveling expenses Valves Salary	46.50
21	Geo. W. Pope	Expenses	10.92
	R. J. O'Brien	Feed	33.10
27	Fauth & Co	Repairing transit	28. 75
Mar. 8	W. H. Wade	Salary	70.00 56.00
12	Geo W Pone et al	Pay roll	236.40
16	Rauth & Co W. H. Wade Harry F. Hume Geo. W. Pope et al do Walworth Construction and Supply Co	Traveling expenses	2.46
20	Walworth Construction and Supply Co	Valves	4.25
30	G. H. Parks	Salary	120.60
	Total, third quarter		11,839.09
Apr. 1	Baltimore and Ohio R. R. Co	Passenger transportation	10.00
8	Harry F. Hume	Labor	52.00
- 1	Wm. H. Wade	do	10.00 52.00 77.50
10	Geo. W. Pope et al	Pay roll	261.80
12 13	Harry F. Hume. Wm. H. Wade Geo. W. Pope et al. do A. G. G. Richardson	Labor do Pay roll Expenses do Traveling expenses Rent land	3. 02 2. 60
19	do	Traveling expenses	22 13
19		Rent landdodo	62.50
	The Garfield Land Association The Real Estate and Improvement Co. of	do	450,00
- 1	The Real Estate and Improvement Co. of	do	56.25
99	Baltimore.	Advantising	9 95
23 25	The Press Printing and Publishing Co The New York and New Jersey Telephone	Advertising Telephone service	$\begin{array}{c} 2.25 \\ 21.25 \end{array}$
20	Co.		
29		Repairing fences	22.50
30	G. H. Parks	Salarydo	115. 40
May 3	John Robinson G. H. Parks Wm. H. Wade Harry F. Hume Conant & Co Geo. W. Pope et al. do do do	do	74.20 52.00
8 9	Conant & Co	do do Cement and putty Pay roll Expenses Traveling expenses Expenses Painting, etc.	5.75
ð	Geo. W. Pope et al.	Pay roll	52.00 5.75 351.17
16	do	Expenses	1.00
	do	Traveling expenses	9.57
	- do	Expenses	. 81 50. 00
24	do Warnaar & Van Der Hornven Walworth Construction and Supply Co G. H. Parks	Iron	2.71
28	G. H. Parks	The reling erronges	2.71 11.90
31	do	Traveling expenses Salary Passenger transportation	119.20
June 4	Pennsylvania R. R. Co	Passenger transportation	10.00
	G. H. Parks do Pennsylvania R. R. Co do Wm. H. Wade Geo. W. Pope et al Geo. W. Pope do do do	Passenger transportation do do Salary Salaries Traveling expenses Expenses do	10.00
7 8	Wm. H. Wade	Salarios	76.60 685.47
12	Geo. W. Pope	Traveling expenses	6.41
110	do	Expenses	. 81
	do	do	3.75
	do	do	5.00
		Solory .	52 (11)
	Harry F. Hume	Dino	11 50
14	R. W. Burrell	do Salary Pipe Drilling well	
14	R. W. Burrell David Tuers The David Henry Building Co.	Pipe	
	do do Harry F. Hume R. W. Burrell David Tuers The David Henry Building Co J. C. Philbrook The J. A. Van Winkle Co	Pipe Drilling well Barn, Athenia, N. J Horseshoeing Tools	685. 47 6. 41 .81 3. 75 5. 00 52. 00 11. 50 210. 63 5, 073. 55 4. 00

# Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. ANIMAL QUARANTINE STATIONS—Continued.

Da	te.	Name.	Nature of payment.	Total.
190 June		Chas. Hubinger. Pennsylvania R. R. Co.	ToolsTransportation	\$29.90 4.43
July	5 8 10 13 16 18 20 23 25 31	Total, fourth quarter.  Supplemental. G. H. Parks W. H. Wade. Harry F. Hume. Geo. W. Pope et al. do The David Henry Building Co Evening News Publishing Co do do do Co A. G. Richardson Geo. W. Pope A. G. G. Richardson Geo. W. Pope The David Henry Building Co	Traveling expenses Salarydo SalariesTraveling expenses Barns at Athenia, N. J. AdvertisingdodododoTraveling expenses Expensesdodododododododododo	5, 033.07 5, 04 74, 20 56, 00 706, 45 9, 02 7, 894, 52 6, 60 7, 20 5, 140 2, 44 20, 63 6, 61 1, 50 46, 17 2, 80
Aug.	3 7	The Anderson Lumber Co The New York and New Jersey Telephone Co. Chas. Hubinger. The A. J. Van Winkle Co H. J. Harwood The Real Estate and Improvement Co Jas. K. Kerr, jr. Geo. W. Pope  Total  RECAPITULA	Service  Hardware Pipe fittings Rent land  do Traveling expenses Expenses	20. 61 24. 45 11. 96 7. 49 62. 50 56. 25 39. 75 33. 00 9, 100. 29
Thir Four	nd q d qu th q	RECAPTIULA uarter uarter uarter uarter		9, 397. 82 11, 839. 09 8, 033. 07

## COLLECTING AGRICULTURAL STATISTICS.

Date.	Name.	Nature of payment.	Total.
1900. July 20 31 Aug. 1 3	L. C. Dorgan, jr	Salaries Salarydodo Services	\$80.00 4,242.77 156.00 195.00 52.50 25.00
13 18 22 27 31 Sept. 4	L. M. Erskine W. H. Pleasants Henry Hawkins C. Bollinger W. O. H. Shepard B. C. White Jno. L. Cantwell E. S. Hoimes, jr Jno. C. Parker A. G. Rice et al B. C. White	do do do do Traveling expenses Services Traveling expenses Record paper Salaries	50.00 20.00 20.00 25.00 25.00 119.34 20.00 159.72 62.50 4,057.30
7 15	E. S. Holmes, jr. E. T. Peters. B. C. White The Journal of Commerce and Commercial Bulletin. Henry Hawkins L. M. Erskine W. H. Pleasants. L. C. Dorgan, jr. Jno. L. Cantwell	do do Traveling expenses Yearbook, Vol. V Salary do do do do	202.50 161.00 79.20 1.25 20.00 - 50.00 20.00 25.00 20.00

## $Expenditures of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901 — {\bf Cont'd.}$

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### COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Sept. 15	W. O. H. Shepard	Salary	\$20.0 110.1
17	E. S. Holmes, jr	Traveling expenses	110.
21	Geo. K. Holmes Houston and Texas Central R. R. Co	Paggangan transportation	11.8
41			5. 6 3. 7
	The Western Rwy. Co. of Alabama Atlanta and West Point R. R. Co C. Bollinger Wells W. Miller Kilbourn Harwood	do	5. 5
	Atlanta and West Point R. R. Co	do	5. 2 14. 8
22 29	C. Bollinger	Salary	25.0
29	Wells W. Miller	Services	200. (
	Geo. Husmann	do	200. 0 200. 0
	Jno. Cownie	do	
	H. H. Green		200.0 175.0 175.0 175.0 175.0 175.0 165.0
	Levi Chubbuck	do	175.0
	F. E. Dawley R. W. Furnas	do	175.1
	P. A. Rogers	do	175.
	R. A. Rogers T. J. Anderson S. Arthur Knapp C. H. Morse	do	175.
	S. Arthur Knapp	do	165.
	R. H. Thomas	do	150.
	E. E. Kaufman	do	150.
	E. F. Sherbel	dodo	150
	W. J. Northen.	do	150.
	Jas. H. Lane	do	150. 150. 137. 137. 125.
	H. F. Simrall A. V. R. Snyder		137.
	A. V. R. Snyder H. W. Desgranges J. J. Carley. S. S. Shepard W. A. Withers T. H. Reeves W. A. Sherman J. A. Hayden Geo. W. Perry Los Shirace	do	
	J. J. Carley	do	125. 125. 125. 125.
	S S.Shepard	do	125.
	W. A. Withers	do	125.
	W. A. Sharman	do	120.
	J A Hayden	do	112.
	Geo. W. Perry	do	112.
	Jas. Shires D. B. Russell Wm. Nelson	do	112.
	D. B. Russell	do	115. 112. 112. 112. 112.
	Wm. Nelson	00	
	Will, Nelson Homer W. Vail Edwd. Wiggin J. T. Cox J. A. Beal	do	75. 75.
	J. T. Cox	do	
	J. A. Beal	do	75.
	E. C. Hutchinson		75.
	E. D. Howe C. L. Gold	do	75. 75.
	J. A. Tillinghast	do	75. 75.
	J. A. Tillinghast Jno. J. Rosa A. G. Rice et al	do	75.
	A. G. Rice et al	Salaries	3,806.
	Total first quarter		19, 204.
et. 2	Ed. S. Holmes, jr	Salary	187. 150.
0	B. C. White E. T. Peters	do	150.
3 · 5	Corl C Coofold	do	140. 40.
9	L C Dorgan ir	do	25.
	Jno. L. Cantwell	do	20.
	C. Bollinger	do	25.
	B. C. White	Traveling expenses	112. 33.
	Crost Northorn Pure Co.	Passenger transportation	3.
	Pennsylvania R. R. Co	do	8.
	The Atchison, Topeka and Santa Fe Rwy, Co	do	18.
	do	do	16.
	Southern Rwy. Co.	do	40. 10.
	The Wabach R R Co	do	7.
	E. T. Peters Carl S. Scofield L. C. Dorgan, jr Jno. L. Cantwell C. Bollinger B. C. White Chicago, Milwaukee and St. Paul Rwy. Co. Great Northern Rwy. Co Pennsylvania R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co do Southern Rwy. Co Southern Rwy. Co The Wabash R. R. Co The Lake Shore and Michigan Southern Rwy. Co.	do	7.
	Rwy. Co.	da	10
9	Baltimore and Ohio R. R. Co	Traveling expenses	12. 171.
16	Rudolph, West & Co	Knives	1.1
	Ed. S. Holmes, jr Rudolph, West & Co D. Frank Parker W. H. Pleasants	Mimeograph ink and paper	21.3
	W. H. Pleasants	Salarydo	20.0
	L. M. Erskine	do	50.0 20.0
	Earl Sloan	do	20.0 75.0
20	Jno. C. Parker	Manila paper	30.
24	Jno. C. Parker The Hocking Valley R. R. Co Chicago, Indianapolisand Louisville Rwy.	Passenger transportation	3.1
			5.0

## Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. COLLECTING AGRICULTURAL STATISTICS-Continued.

Date.	Name.	Nature of payment.	- Total.
1900.			
Oct. 24	Northern Pacific Rwy. Co. Illinois Central R. R. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. W. C. Duncan. J. E. Pennybacker. Postal Telegraph Cable Co. A. G. Rice et al. E. T. Peters.	Passenger transportation	\$20.5
	Illinois Central R. R. Co-	do	23. 0 12. 7
	Louis Rwy Co		16.1
26 27 30	W. C. Duncan	Services	200.0
27	J. E. Pennybacker	Typewriting	2.0 1.0
30	Postal Telegraph Cable Co	Telegraph services	1.0
31 Nov. 1	F. T. Dotors	Salaries	4,146.8 $126.2$
2	Library Bureau	Cards	28. 0
	Library Bureau The Carter's Ink Co The Chesapeake and Potomac Telephone	Cards Writing fluid Telephone rent	28. 0 9. 0
	The Chesapeake and Potomac Telephone	Telephone rent	6.2
	Co. Western Union Telegraph Co.	Telegraph service	7.1
3	Western Union Telegraph Co Edw. S. Holmes, jr B. C. White	Salary	7. 1 202. 5 162. 0
	B. C. White	Salary	162.0
	C.S. Scofield	do	84. 2
5 6	Washington city post-office	Stamps	30.0
0	Southern Proific Co.	Passenger transportation	6.9 10.8
	Southern Rwy Co	do	17. 5
	Missouri, Texas and Kansas Rwy. Co	do	17. 5 7. 1
	Houston and Texas Central R. R. Co	do	10.0
	B. C. White C. S. Scofield Washington city post-office Houston, East and West Texas Rwy. Co. Southern Pacific Co. Southern Rwy. Co Missouri, Texas and Kansas Rwy. Co Houston and Texas Central R. R. Co. The Chesapeake and Ohio Rwy. Co. Michigan Central R. R. Co W. H. Pleasants L. C. Dorgan, jr Jno. L. Cantwell Henry Hawkins L. M. Erskine C. Bollinger Richd, H. Lea Earl Sloan	do	17. 0 5. 0
7	W H Pleasants	Salary	20.0
	L. C. Dorgan, ir	do	25. 0
	Jno. L. Cantwell	do	20.0
	Henry Hawkins	do	40.0
	C. Rollinger	do	50.0 25.0
	Richd, H Lea	do	150.0
8	Earl Sloan	do	25. 0 97. 9 84. 3
10	B. C. White	Traveling expenses	97.9
12	E. G. Ward	do	84.3
13	W F T Rushnell	Sapriose	166.8
21	Jno. Hyde	Traveling expenses	91.2 291.6
21 22	W.O.H. Shepard	Salary	20.0
26 27 30	Richd. H. Lea Earl Sloan B. C. White E. G. Ward Edw. S. Holmes. jr. W. F. T. Bushnell Jno. Hyde W. O. H. Shepard Jas. L. Morrison Wyckoff, Seamans & Benedict A. G. Rice et al Daniel E. Morton B. C. White Carl S. Scofield E. Poole	do do Services Traveling expenses Salary Services Paper Salaries Salary do do Hotographs Welland Canal	31.6
27	Wyckoff, Seamans & Benedict	Paper	64.7
Dec. 1	Daniel E. Morton	Salary	3,920.5 12.2
	B. C. White	do	156.0
	Carl S. Scofield	do	81.6
3	E. Poole	Photographs Welland Canal	13.3
	E T Peters	Salary	153.30 157.50
4	Carl S. Scofield E. Poole D. Frank Parker E. T. Peters E. S. Holmes, jr Wyckoff, Seamans & Benedict Chicago and Grand Trunk Rwy. Co Northern Pacific Rwy. Co The Chicago, Burlington and Quincy R. R.	do Photographs Welland Canal Typewriter ribbons, etc Salary do Repairs to typewriter Passenger transportation do do do	195.0
5	Wyckoff, Seamans & Benedict	Repairs to typewriter	11. 5 5. 0
	Chicago and Grand Trunk Rwy. Co	Passenger transportation	5.0
	The Chicago Rurlington and Oningy R. R.	do	6. 9 11. 5
	Co.		11.0
	Pennsylvania R. R. Co Baltimore and Ohio R. R. Co Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	21.0
	Baltimore and Ohio R. R. Co.	do	12. 7. 5. 3
	Louis Rwy Co		0. 0
	The Cleveland, Cincinnati, Chicago and St.	do	5.3
	Louis Rwy. Co.		
	International Great Northern R. R. Co	do	31.1
	Chicago, Milwaukee and St. Paul Rwy. Co	do	42.00 27.50 25.00
- 6	C Rollinger	Salary	27.0
U	Jno. L. Cantwell	do	20.0
	L. M. Erskine	do	50.0
14 17	D. Frank Parker	Mimeograph	50.00
17	W.O. H. Shepard	Salary	20.00
18	Library Bureau	Clips	20. 0 10. 0
10	E. G. Ward, jr.	Traveling expenses	46, 30
	B. C. White	do	82.2
19	L. C. Dorgan, jr	Salary	25.00
90	R C White	Traveling expenses	143. 8
29 31	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. International Great Northern R. R. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Southern Rwy. Co. C. Bollinger Jno. L. Cantwell L. M. Erskine D. Frank Parker W. O. H. Shepard Henry Hawkins Library Bureau E. G. Ward, jr. B. C. White L. C. Dorgan, jr. Edwin S. Holmes B. C. White Wells L. Miller Jno. Cownie	Services	69.10 200.0
	Jno. Cownie	do	200.0
	H. H. Green W. C. Duncan Kilbourn Harwood Geo. Husmann	do	200.0
	W. C. Duncan	do	200.0
	IMBOULH Halfwood	U0	200.0

## COLLECTING AGRICULTURAL STATISTICS—Continued.

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Date.	Name.	Nature of payment.	Total.
1900.			
ec. 31	R. W. Furnas	Services	\$175.
	Levi Chubbuck	do	\$175. 175.
	Plum A. Rogers	do	175.
	Levi Chubbuck Plum A. Rogers T. J. Anderson F. E. Dawley	00	175. 175.
	S. A. Knapp	do	165
	E. F. Scherbel	do	165. 150.
	C. H. Morse	do	150.
	F. E. Dawley S. A. Knapp E. F. Scherbel C. H. Morse E. E. Kaufman R. H. Thomas W. J. Northen Jas. H. Lane H. F. Simrall S. S. Shepard T. H. Reeves W. A. Withers J. J. Carley Z. W. Perry Jas. Shire J. A. Hayden	do	150.
	W. J. Northan	do	150.
	Jas. H. Lane	do	150. 137.
	H. F. Simrall	do	137.
	S. S. Shepard	do	125. 125.
	T. H. Reeves	do	125.
	W.A. Witners	do	125. 125.
	Z. W. Perry	do	119
	Jas. Shire	do	112.
	J. A. Hayden	do	112.
	S. J. Seal	do	112. 112.
	D. B. Russell	do	112.
	Jas. Shire J. A. Hayden S. J. Seal D. B. Russell Wm. Nelson E. D. Howe E. C. Hutchinson Jno. J. Rosa	do	100. 75.
	E. C. Hutchiuson	do	75.
	Jno. J. Rosa	do	75.
	Jno. J. Rosa J. T. Cox D. E. Morton H. W. Vail J. A. Tillinghast Edward Wiggins C. L. Gold J. A. Beal E. T. Peters A. G. Rice et al	do	75.
	D. E. Morton	do	75.
	I A Tillinghest	do	75. 75.
	Edward Wiggins	do	75
	C. L. Gold	: do	75. 75.
	J. A. Beal	do	25.
	E. T. Peters	do	147.
	A. G. Rice et al	Salaries	3,975.
	Total second quarter		22, 278.
1901.			
an. 2	Louisville and Machaille D. D. Co.		
	Louisvine and Nashvine R. R. Co	Passenger transportation	9.
	The Western Rwy. of Alabama	Passenger transportationdo	13.
	The Western Rwy. of Alabama	do	13. 6.
	The Western Rwy. of Alabama	do	13. 6.
	The Western Rwy. of Alabama	do	13. 6. 18.
	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co do A V R. Snyder	do do do salary	13. 6. 18. 11. 125. 195.
	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co do A V R. Snyder	do do do salary	13. 6. 18. 11. 125. 195. 156.
90	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co do A V R. Snyder	do do do salary	13. 6. 18. 11. 125. 195. 156. 89.
3 4	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co do A V R. Snyder	do do do salary	13. 6. 18. 11. 125. 195. 156. 89.
4	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Co. do. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield	do	13. 6. 18. 11. 125. 195. 156. 89. 539. 84.
	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Co. do. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield	do	13. 6. 18. 11. 125. 195. 156. 89. 539. 84. 20.
4 5	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Co. do. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield	do	13, 6, 18, 11, 125, 195, 156, 89, 539, 84, 20, 25, 50,
4 5 8	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dergen in	do	13 6. 18. 11. 125. 195. 156. 89. 539. 84. 20. 25.
4 5 8	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dergen in	do	13 6. 18. 11. 125. 195. 156. 89. 539. 84. 20. 25.
4 5 8	The Western Rwy, of Alabama. The Yazoo and Mississippi Valley R. R. Co-Southern Rwy. Codo A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman		13. 6. 18. 11. 125. 195. 156. 89. 539. 54. 20. 25.
5 8 14	The Western Rwy, of Alabama. The Yazoo and Mississippi Valley R. R. Co-Southern Rwy. Codo A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman		13. 6. 18. 11. 125. 195. 156. 89. 539. 84. 20. 25. 50. 20. 5.
5 8 14	The Western Rwy, of Alabama. The Yazoo and Mississippi Valley R. R. Co-Southern Rwy. Codo A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman		13. 6. 18. 11. 125. 195. 156. 89. 539. 84. 20. 25. 50. 20. 5.
5 8 14	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13 18 18 11 125 195 195 195 195 195 195 195 19
5 8 14	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13 18 18 11 125 195 195 195 195 195 195 195 20 20 20 20 1,699 300 300 22 22
4 5 8 14 16 21 22	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1, 699. 300.
5 8 14 16 21 22	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1, 699. 300.
5 8 14 16 21 22	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1, 699. 300.
5 8 14 16 21 22	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1, 699. 300.
5 8 14 16 21 22	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.  A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker		13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1,699. 300. 2,25.
16 21 22 eb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Cododo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno, L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno, C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White	do do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do Reading glasses Salary Envelopes Letter paper Engraving St. Louis Market Report Salary Seals, etc Paper Salary Sealary	13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1,699. 300. 2,25.
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Cododo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno, L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno, C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White	do do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do Reading glasses Salary Envelopes Letter paper Engraving St. Louis Market Report Salary Seals, etc Paper Salary Sealary	13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1,699. 300. 2,25.
4 5 8 14 16 21 22 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Cododo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker The Maurice Joyce Engraving Co. O'Conor & Co A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White Edw. S. Holmes, jr Carl S. Scofield Kansas City, Memphis and Birmingham	do do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do Reading glasses Salary Envelopes Letter paper Engraving St. Louis Market Report Salary Seals, etc Paper Salary Sealary	13. 18. 11. 125. 195. 196. 89. 9539. 84. 20. 25. 50. 20. 1,699. 300. 2,25.
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Cododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do do do Salary Salary Envelopes Letter paper Engraving St. Louis Market Report Salary Seals, etc Paper Salary Seals, etc Paper Salary Go do do do Sessives Salary Seals etc Paper Salary Seals etc Paper Salary Seals etc Paper Salary Seals etc Paper Salary Seals etc	13. 6. 18. 11. 125. 195. 156. 6. 89. 539. 84. 20. 25. 50. 20. 5. 1590. 300. 2. 5. 4. 128. 161. 17. 18. 125. 162.
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Codo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd. H. Lea United States Envelope Co. Jno. C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White Edw. S. Holmes, jr Carl S. Scofield Kansas City, Memphis and Birmingham R. R. Co. Yazoo and Mississipni Valley R. R. Co.	do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do do Salary do do do do do do do Salary do do do do do do do Salary Envelopes Salary Envelopes Salary Envelopes Letter paper Engraving St. Louis Market Report Salaries Salary Seals, etc Paper Salary Seals, etc Paper Salary Seals od do do do Dassenger transportation do	13. 6. 18. 11. 11. 125. 195. 156. 89, 539, 84. 20. 25. 20. 20. 20. 300. 25. 150. 1,699, 300. 2,5. 4,128. 161. 17. 13. 125. 157. 86. 12.
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Codo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd. H. Lea United States Envelope Co. Jno. C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White Edw. S. Holmes, jr Carl S. Scofield Kansas City, Memphis and Birmingham R. R. Co. Yazoo and Mississipni Valley R. R. Co.	do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do do Salary do do do do do do do Salary do do do do do do do Salary Envelopes Salary Envelopes Salary Envelopes Letter paper Engraving St. Louis Market Report Salaries Salary Seals, etc Paper Salary Seals, etc Paper Salary Seals od do do do Dassenger transportation do	9, 18, 18, 11, 125, 195, 195, 195, 195, 195, 195, 195, 19
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Codo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd. H. Lea United States Envelope Co. Jno. C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White Edw. S. Holmes, jr Carl S. Scofield Kansas City, Memphis and Birmingham R. R. Co. Yazoo and Mississipni Valley R. R. Co.	do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do do Salary do do do do do do do Salary do do do do do do do Salary Envelopes Salary Envelopes Salary Envelopes Letter paper Engraving St. Louis Market Report Salaries Salary Seals, etc Paper Salary Seals, etc Paper Salary Seals od do do do Dassenger transportation do	13. 6. 18. 11. 11. 125. 195. 156. 89, 539, 84. 20. 25. 20. 20. 20. 300. 4, 128. 4, 128. 117. 18. 125. 162. 169. 169. 169. 169. 169. 169. 169. 169
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Co. do A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co. United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr. Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd, H. Lea United States Envelope Co. Jno. C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White Edw. S. Holmes, jr Carl S. Scofield Kansas City, Memphis and Birmingham R. R. Co. Yazoo and Mississippi Valley R. R. Co. Georgia Railroad Chicago, Milwaukee and St. Paul Rwy, Co. Illinois Central R. Co.	do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do do Salary do	13. 6. 6. 18. 11. 125. 195. 156. 89. 539. 84. 20. 25. 50. 20. 20. 5. 1,699. 300. 2. 5. 4,128. 161. 177. 13. 125. 162. 157. 86.
16 21 22 deb. 31	The Western Rwy, of Alabama The Yazoo and Mississippi Valley R. R. Co. Southern Rwy, Codo. A. V. R. Snyder Edw. S. Holmes B. C. White Amberg File and Index Co United States Envelope Co. Carl S. Scofield Jno. L. Cantwell E. Bollinger L. M. Erskine L. C. Dorgan, jr Henry Hawkins W. O. H. Shepard Z. D. Gilman Richd. H. Lea United States Envelope Co. Jno. C. Parker The Maurice Joyce Engraving Co. O'Conor & Co. A. G. Rice et al E. T. Peters Wm. H. Rupp Valley Paper Co. H. W. Desgranges B. C. White Edw. S. Holmes, jr Carl S. Scofield Kansas City, Memphis and Birmingham R. R. Co. Yazoo and Mississipni Valley R. R. Co.	do do do do do do Salary do do Cabinet Envelopes Salary do do do do do do do Reading glasses Salary Envelopes Letter paper Engraving St. Louis Market Report Salaries Salary Seals, etc Paper Salary Seals etc Paper Salary Seals etc do	13. 6. 18. 11. 11. 125. 195. 156. 89, 539, 84. 20. 25. 20. 20. 20. 300. 4, 128. 4, 128. 117. 18. 125. 162. 169. 169. 169. 169. 169. 169. 169. 169

### COLLECTING AGRICULTURAL STATISTICS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
eb. 6	Choctaw, Oklahoma and Gulf R. R. Co	Passenger transportation	\$4.
	Chicago and Northwestern Rwy. Co The Cleveland, Cincinnati, Chicago and St.	do	8.
	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. Chicago and Alton Rwy. Co. Michigan Central R. R. Co. The Missouri Pacific R. R. Co. The Pulman Co. Pere Marquette R. R. Co. New York, New Haven and Hartford	ao	8.
	Chicago and Alton Rwy Co	do	20.
	do	do	7.
	Michigan Central R. R. Co	do	7. 24.
	The Missouri Pacific R. R. Co	do	6.
	The Pulman Co	do	3.
	Now Voris Now Haven and Hartford	do	6. 10.
	R. R. Co.		10.
	Southern Rwy. Co. Pennsylvania R. R. Co. do Baltimore and Ohio R. R. Co. L. C. Dorgan. jr C. Bollinger	do	23.
	Pennsylvania R. R. Co	do	14.
	do	do	8. 25.
7	Baltimore and Ohio R. R. Co	Solowy	25. 25.
1	C Bollinger	do	25.
	L. M. Erskine	do	50.
	Jno. L. Cantwell	do	20.
	Oswald Wilson	do	98
8	The Oliver Typewriter Co	Cleaning typewriter	3 106
10	C. Bollinger L. M. Erskine Jno. L. Cantwell Oswald Wilson The Oliver Typewriter Co- B. C. White The Chesapeake and Potomac Telephone	Traveling expenses	106.
12	The Chesapeake and Potomac Telephone Co. W. H. Rupp W. O. H. Shepard Henry Hawkins Oswald Wilson Rich. H. Lea Edw. S. Holmes, jr. Chicago, Rock Island and Pacific Rwy. Co. C. S. Scofield R. Carter Ballantyne The R. H. Smith Manufacturing Co S. A. Nelson. E. S. Holmes, jr B. C. White A. G. Rice et al E. T. Peters Carl S. Scofield B. C. White C. Bollinger Oswald Wilson	Telephone rent	6.
13	W. H Rupp	Portfolio	5
14	W. O. H. Shepard	Salary	20
	Henry Hawkins	Salarydo	20
18	Oswald Wilson	Traveling expenses	11
20	Rich. H. Lea	Salary	50
21 27	Chicago Poek Island and Pacific Pwy Co	Passangar transportation	164 30
10-1	C.S. Scoffeld	Expenses	61
	R. Carter Ballantyne	Paper	64 53
28	The R. H. Smith Manufacturing Co	Molding	- 98
	S. A. Nelson	Book	1 161 161
	E. S. Holmes, jr	Salary	161
	A. C. Pico et al	Salaria	5 050
r. 1	E T Poters	Salary	3, 939 154 77
5	Carl S. Scofield	do	77
	B. C. White	Traveling expenses	83
9	C. Bollinger	Salary	25
	Oswald Wilson	do	168 20
	Ino I. Contwell	do	20
	L. C. Dorgan, ir	do	25
	W. O. H. Shepard	do	20
18	Library Bureau	Cases and cards	172
19	B. C. White C. Bollinger Oswald Wilson Henry Hawkins Jno. L. Cantwell L. C. Dorgan, jr W. O. H. Shepard Library Bureau Lemcke Buechner Washington City post-office L. M. Erskine Richd. L. Lamb Earle Sloan	B00K	30
20	T. M Erskine	Salary	50 50
21	Richd. L. Lamb	Stamp pads	38
	Earle Sloan	Salary	38 100 6
25 27	Richt L. Lamb Earle Sloan United States Electric Lighting Co Edwin S. Holmes, jr Wells W. Miller H. H. Green W. C. Duncan	Salary Stamp pads. Salary Electric current. Traveling expenses	6
- 30	Edwin S. Holmes, jr	Traveling expenses	- 55
. 90	H H Green	do.	200 200
	W. C. Duncan	do	200
	Jno. Cownie	do	200
	Robt. W. Furnas	do	175
	P. A. Rogers	do	175
	T.J. Anderson	do	175
	N. Dulican Jno Cownie Robt, W. Furnas P. A. Rogers T. J. Anderson F. E. Dawley Levi Chubbuck S. A. Knapp Gee, Huspann	do	175 175
	S. A. Knapp	do	165
	Geo. Husmann	do	164
	W.J. Northen	do	150
	R. H. Thomas	do	150
	E. E. Kaurmann	do	150
	E F Scherhel	do	150 150
	S. A. Knapp Geo. Husmann W. J. Northen R. H. Thomas E. E. Kaufmann C. H. Morse E. F. Scherbel Jas. H. Lane A. V. R. Snyder J. J. Corley H. W. Desgranges S. S. Shepard W. A. Withers G. W. Perry. J. A. Hayden	do	137
	A. V. R. Snyder	QO	104
	J. J. Corley	do	125
	H. W. Desgranges	do	125
	S.S.Shepard	do	125
	G W Parry	do	125 112
		d0	112

### COLLECTING AGRICULTURAL STATISTICS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Mar. 31	Jas. Shire D. B. Russell Wm. Nelson S. J. Seal E. D. Howe Edwd. Wiggens J. A. Tillinghast D. E. Morton H. W. Vail E. C. Hutchinson J. T. Cox Jno. J. Rosa C. L. Gold B. C. White A. G. Rice et al	Services	\$112,50
	D. B. Russell	do	\$112.50 112.50 100.00
	Wm. Nelson	do	100.00
	S. J. Seal	do	77.50
	E.D. Howe	do	75.00
	Edwd. Wiggens	do	75.00
	D. F. Morton	do	75.00
	H W Vail	do	75.00 75.00
	E. C. Hutchinson	-do	75.00
	J. T. Cox	do	75.00
	Jno. J. Rosa	do	75.00
	C. L. Gold	do	75.00 182.00 4,229.07
	B. C. White	do	182.00
	A. G. Rice et al	Salaries	4,229.07
	Total third quarter		23, 886, 90
Apr. 1	Edwin S. Holmes, jr  Pennsylvania Co  Pere Marquette R. R. Co  Baltimore and Ohio R. R. Co  Southern Rwy. Co  Pennsylvania R. R. Co  New Orleans and Northeastern R. R. Co  The Cleveland, Cincinnati, Chicago and St  Louis Rwy. Co  Seaboard Air Line Rwy. Co  B. C. White	Salary	175.00
	Pennsylvania Co	Passenger transportation	3.50
	Pere Marquette R. R. Co	do	3.50 3.20
	Baltimore and Ohio R. R. Co	do	11.30
	Southern Rwy. Co	do	37.70 22.65
	Pennsylvania R. R. Co	do	22.65
	The Cleveland Cincipacti Chicago and St	00	20.10
	The Cleveland, Cincinnati, Chicago and St.	ao	7.50
	Seaboard Air Line Rwy Co	do.	19.35
3	B. C. White	Traveling expenses	101.60
_	E. T. Peters	Salary do Shuttle	147, 00
	Carl S. Scofield	do	86.10
4	The Hammond Typewriter Co	Shuttle	86.10 2.50
10	Jas. W. Wilson	Salary	140.00
	Seaboard Air Line Rwy. Co B. C. White E. T. Peters Carl S. Scofield The Hammond Typewriter Co Jas. W. Wilson do Jo. L. Cantwell C. Bollinger H. F. Simrall J. A. Beal Oswald Wilson do	Shuttle Salary do Traveling expenses Salary do do do do Traveling expensesdo Salary Cards Cards, etc	49.00
	Ino I Contwell	Traveling expenses	123.09 20.00
	C Rollinger	do	25.00
	H. F. Simrall	do	25.00 137.50 62.53
	J. A. Beal	do	62, 53
11	Oswald Wilson	Traveling expenses	16.05
	Oswald Wilsondododo	do	52.55 182.00 54.30
10	do	Salary	182.00
12	Library Bureau	Cards	54.30
	Hanny Hawkins	Cards, etc	31.00 20.00
	I. M Ersking	do	50.00
	L. C. Dorgan, ir	do	25.00
13	W. O. H. Shepard	do	20.00
13 22	Southern Rwy. Co	Passenger transportation	23.00
	The Pullman Co.	do	16.50
	Library Bureaudo Henry Hawkins L. M. Erskine L. C. Dorgan, jr W. O. H. Shepard Southern Rwy. Co The Pullman Co. Yazoo and Mississippi Valley R. R. Co The Texas and Pacific Rwy. Co Richd, H. Lea	do	11.85
9.1	The Texas and Pacific Rwy. Co	do	42.75 100.00
24 29 30	Richd. H. Lea B. C. White E. S. Holmes, jr B. C. White A. G. Rice et al Sarah K. Harwood	do Salary Traveling expenses Salary do Salaries Salary	100.00
29	E. S. Holmes in	Salary	104.17
90	R C White	do	189 00
	A. G. Rice et al	Salaries	182.00 182.00 4,063.54 100.00
May 1	Sarah K. Harwood	Salary	100,00
2	E. T. Peters Carl S. Scofield The Chesapeake and Potomac Telephone	dodo	126.00 82.40 6.25
	Carl S. Scofield	do	82.40
3	The Chesapeake and Potomac Telephone	Telephone rent	6.25
1	Co. Wyckoff, Seamans & Benedict	Card attachment	2.85
4 7	Ino L. Cantwell	Salary	20.00
'	C. Bollinger	do	25.00
8	Western Union Telegraph Co	Telegraph service	21.09
	do	do	15.11 108.45
	Wyckoff, Seamans & Benedict Jno. L. Cantwell C. Bollinger Western Union Telegraph Co do Edwin S. Holmes. jr W. O. H. Shepard L. M. Erskine Oswald Wilson L. C. Dorgan, jr Church & Stephenson Rudolph, West & Co Library Bureau C. S. Scofield Washington City post-office Louis F. Sloan Earle Sloan Henry Hawkins	Card attachment SalarydodoTelegraph servicedododraveling expenses Salarydododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	108.45
9	W.O.H. Shepard	Salary	20.00
	L. M. Erskine	do	50.00 182.00
11	Uswaid Wilson	00	182.00 25.00
11 16	Church & Stephenson	Lambon	30.50
17	Rudolph West & Co	Cupboard turns	3 24
20	Library Bureau	Cards	65 15
	C. S. Scoffeld	Traveling expenses	3. 24 65. 15 57. 34
23	Washington City post-office	Stamps	8.00
23 24	Louis F. Sloan	Salary	10.83
	Earle Sloan	Stamps Salary do	10.83 39.17
	Henry Hawkins	do	20.00

## COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Iay 27	Louisville and Nashville R. R. Co	Passenger transportation	\$10.6 10.9
	The Oregon R. R. and Navigation Co	do do	9.3
	Illinois Central R. R. Co	do	5.6
	Pennsylvania R. R. Co.	do	5. 8 25. 8
	The Oregon R. R. and Navigation Co. The Wabash R. R. Co. Illinois Central R. R. Co. Pennsylvania R. R. Co. The Western Rwy. of Alabama. Union Pacific R. R. Co. Grand Trunk Rwy. System Western Union Telegraph Co. do. do.	do	5.5
	Union Pacific R. R. Co.	do	3.8
- 28	Western Union Telegraph Co	Service	10.1 29.2
- 40	do	do	38.
	do	do	34. ]
	do	Paper	59. 9
	do do Wyckoff, Seamans & Benedict Edwd. G. Ward Western Union Telegraph Co United States Engraving Co. Oswald Wilson A. G. Rice et al B. C. White E. S. Holmes, jr Oswald Wilson do S. W. Halsey	Traveling expenses	9.8 11.8
	Western Union Telegraph Co	Traveling expenses	1.0
29	United States Engraving Co	Daters	1. ( 16. 8
0.4	Oswald Wilson	Traveling expenses	10. 3 99. 2 4, 357. 1 182. 0 189. 0 113. 2 189. 0
31	A. G. Rice et al.	Salaries	4,357
ine 1	E S Holmes ir	do	189 (
	Oswald Wilson	Traveling expenses Salary do	113.
	do	Salary	189.
0	S. W. Halsey	do	69. 2 7. 3
3	do S. W. Halsey H. E. Hooper, sr. The Journal of Commerce and Commercial	Atlas Yearbook	1.
	Bulletin.	1 Gar DOOR	1. /
	G G Bradshaw	Services	10.0
	Kilbourn Harwood deceased	Salary Passenger transportation do Salary  do Traveling expenses	51. 53. (
4	Southern Rwy. Co. Baltimore and Ohio R. R. Co.	Passenger transportation	53. (
	F T Datare	Salany	17 171
5	E. T. Peters H. Hawkins	do	20.
	B. C. White L. C. Dorgan, jr C. Bollinger L. M. Erskine	Traveling expenses	149.
6	L. C. Dorgan, jr	Salary	25. 25.
7	C. Bollinger	Salary  do  Traveling expenses  do  Traveling expenses  Salary	25.
8	E S Holmes ir	Traveling expenses	50. 146.
10	Jno. L. Cantwell	Salary	20.0
11	L. M. Erskine E. S. Holmes, jr Jno. L. Cantwell W. O. H. Shepard W. H. Rupp The Maurice Joyce Engraving Co D. Frank Parker Thos. B. Baldwin Rudolph, West & Co Eberhard Faber Co R. Carter Ballantyne Richd. H. Lea United States Envelope Codo C. S. Braisted Library Bureau	do	20.0
	W. H. Rupp	Fountain pens	4. (
	The Maurice Joyce Engraving Co	Engraving Typewriter supplies Traveling expenses	100
13	Thos. B. Baldwin	Traveling expenses	109. ( 33.
	Rudolph, West & Co	Lock screws	5.
14	Eberhard Faber Co	Lock screws Bands Envelopes	120.
15 17	R. Carter Ballantyne	Envelopes	23. 100.
18	United States Envelope Co	Envelones	437.
	do	do	379.
	C. S. Braisted	Salary Envelopes do Pencils	379. 30.
21	Library Bureau Western Union Telegraph Codo	Trays Service	9.
	western Union Telegraph Co	Service	18. 6.
	do	do	16.
22 25	Washington City post-office	Stamps	9.
25	Pere Marquette R. R. Co Pennsylvania Co Seaboard Air Line Rwy. Co Great Northern Rwy. Co Southern Rwy. Co Pennsylvania R. R. Co Southern Rwy. Co Jas. B. Lambie Wells W. Miller H. H. Green W. C. Duncan Jno. Cownie F. E. Dawley	Passenger transportation	6. 3.
	Pennsylvania Co	do	3. 4.
	Great Northern Rwy Co	do	6.
	Southern Rwy. Co	do	6. 23.
	Pennsylvania R. R. Co	do	6.
90	Southern Rwy. Co	do	13.
28 29	Jas. B. Lamble	Hinges	1. 200.
20	H. H. Green	do	200.
	W.C. Duncan	do	200.
	Jno. Cownie	do	200.
	F.E. Dawley	do	175.
	R. W. Furnas	do	175.
	T. J. Anderson	do	175. 175. 175.
	F. E. Dawley Levi Chulbuck R. W. Furnas T. J. Anderson Plum A. Rogers S. A. Knapp C. H. Morse E. F. Scherhel	do	175.
	S. A. Knapp	do	. 165.
	C. H. Morse	do	150.
	W. J. Northen	do	150. 150.
	R. H. Thomas	do	150.
	E.F. Scherbel. W.J. Northen R. H. Thomas E. E. Kaufman H. F. Simrall Jas. H. Lane	do	150.
	II 13 (I' 11	do	137. 137.

## COLLECTING AGRICULTURAL STATISTICS—Continued.

	COLLECTING AGRICULTURAL	STATISTICS—Continued.	
Date.	Name.	Nature of payment.	Total.
1901.			
June 29	J. J. Corley	Services	\$125.00
	S.S. Shepard W.A. Withers	do	125.06
			125.00
	S. J. Seal G. W. Perry. D. B. Russell James Shire J. A. Hayden Wm. Nelson Homer W. Vail D. E. Morton	do	112.50 112.50
1	D R Russeil	do	112.59
	James Shire	do	112.50
	J. A. Hayden	do	112.50 112.50
	Wm. Nelson	do	100.09
	Homer W. Vail	do	75.60
	D. E. Morton	do	75.00
	J. T. Cox	do	75.00
	J. T. Cox J. D. J. Rosa J. A. Tillinghast Edw. Wiggin E. C. Hutchinson C. L. Gold E. D. Howe A. G. Rice et al.	do	75.00 75.00
	Edw Wiggin	do	75.00
	E. C. Hutchinson	do	75.00
	C. L. Gold	do	75.00
	E. D. Howe	do	75.00
	A. G. Rice et al.	Salaries	4,504.94
	Total fourth quarter		24, 088. 37
Tools 1	Supplemental.	Colour	187 00
July 1	E. S. Holmes	Glass	175.00
2 3	E. S. Holmes Hugh Reilly B. C. White C. Bollinger Carl S. Scofield Thos. B. Baldwin Mahlon T. Lighner Oswald Wilson Jno. L. Cantwell L. M. Erskine Henry Hawkins Richd. H. Lea Kilbourn H. Roby Northern Pacific Rwy Co. Georgia R. R. Co Chicago and Northwestern Rwy. Co Oswald Wilson Thos. B. Baldwin H. W. Desgranges Edwd. S. Holmes, jr W. O. H. Shepard B. C. White The Railroad Gazette The Railway Equipment and Publishing	Salary	5. 28 175. 00
5	C. Bollinger	do	25.00
	Carl S. Scofield	do	25.00 41.20
-	Thos. B. Baldwin	do	154.00
6	Mahlon T. Lighner	Services	100.50 175.00
	Oswald Wilson	Salary	175.00
8	Jno. L. Cantwell	do	20.00
	L. M. Erskine	00	50.00
	Bisha II I so	do	20.00
	Kilhonan H. Rohy	do	937 78
9	Northern Pacific Rwy Co	Passenger transportation	3 75
•	Georgia R. R. Co.	do	50.00 237.78 3.75 5.13
	Chicago and Northwestern Rwy. Co	do	4.94
11	Oswald Wilson	Traveling expenses	99.80
	Thos. B. Baldwin	do	75.90
10	H. W. Desgranges	Salary	125.00
13	Edwd. S. Holmes, Jr	Traveling expenses	150.25 20.00
- 17	W.O. H. Snepard	Salary Traveling expenses Subscriptiondo	125.90
19	The Railroad Gazette	Subscription	4.00
10	The Railroad Gazette The Railway Equipment and Publishing	do	5.00
	Co.		
	The Journal of Commerce and Commer-	do	12.00
90	cial Bulletin.	a.	1.00
20	The named world Publishing Co	do	1.00 8.00
	The Tuttle Morehouse & Taylor Co	do	3.00
	cial Bulletin. The Railway World Publishing Co D. O. Haynes & Co The Tuttle, Morehouse & Taylor Co Valley Paper Co Willett & Gray National Railway Publishing Co Windsor & Kenfield Publishing Co The University of Chicago Press The Railway Age and North Western Railroader.	Paper	13.00
	Willett & Gray	Subscription	15.00
	National Railway Publishing Co	do	5.00
22	Windsor & Kenfield Publishing Co	do	1.00
	The University of Chicago Press	do	2.00
	T. B. Veblen	do	3.00 4.00
	Railroader.		4.00
	J. R. Commons		1.00
	Frank P. Bennett	do	1.00
	do	do	3.00
	Geo. H. Ellis	do	3.00
20	Ginn & Co Lemcke & Buechner	do	3.00
23	Lemcke & Buechner		15.00
	do Trade Publishing Co	do	6.50 .50
	E. I. Powers Co.	do	3.00
26	E. L. Powers Co Baltimore & Ohio R. R. Co	Passenger transportation	12.75
20	Northern Pacific Rwy Co	do .	3, 80
29	Northern Pacific Rwy. Co B. W. Rowley	Subscription	2,00
30	Jno. C. Parker The Fruit World Publishing Co	Supplies	126.29
	The Fruit World Publishing Co	Subscription	1.00
Aug. 1	Carl S. Scofield	Traveling expenses	46. 98
0	R. Carter Ballantyne	Pens	12.63
2	Curtis, Guild & Co The Cleveland, Cincinnati, Chicago and St.	Pens Subscription Passenger transportation	4.00 7.50
	Louis Rwy. Co.	r assenger transportation	1.00
	LIGHTO TENT . CO.		

## COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. Aug. 2	Louisville and Nashville R. R. Co The Western Rwy. of Alabama The Hocking Valley Rwy. Co. Chicago, Rock Island and Texas Rwy. Co Saaboard Air Line Rwy. Co The Wabash R. R. Co The Wazoo and Mississippi Valley R. R. Co. Southern Rwy. Co. do do Jno. C. Parker Chicago and Alton Rwy. Co. International and Great Northern R. R. Co The Missouri Pacific Rwy. Co E. E. Billow Rudolph, West & Co The Geo. W. Knox Express Co.	Passenger transportationdodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	\$37.09 5.25 61.00 6.30 13.95 9.87 6.60 3.50 7.45 58.25 117.60 9.70 9.70 9.70 5.00
20 21 Oct. $\frac{22}{3}$	J. E. Beerbohm Orange Judd Co The Chesapeake and Potomac Telephone Co. The Hawaiian Gazette Co Louis F. Sloan. Georgia R. R. Co Seaboard Air Line Gulf. Colorado and Santa Fe Rwy. Co	Subscriptiondo Service Subscription Salary Passenger transportationdodo	29.20 1.00 6.25 1.25 50.00 12.13 11.75 7.10
	The Oregon R. R. and Navigation Co. The Texas and Pacific Rwy. Co. Oregon Short Line R. R. Co. Chicago, Milwaukee and St. Paul Rwy. Co. The Chicago, Burjington and Quincy R. R. Co. Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. Great Northern Rwy.	do	11.05 9.60 34.50 12.75 7.05 3.25 27.75 10.40
. 8	Great Northern Rwy. Co Northern Pacific R. R. Co Thos. Cook & Son do do Postal Telegraph Cable Co	do	10.40 180.23 113.50 105.00 98.00 4.75
	Total		3, 276. 49

#### RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter Supplemental	23, 886, 90 24, 088, 27
Total	92 734 76

# INVESTIGATING FOREIGN DEMANDS FOR UNITED STATES AGRICULTURAL PRODUCTS.

Date.	Name.	Nature of payment.	Total.
1900. July 31 Aug. 21 27 31 Sept. 5	F. H. Hitchcock et al E. S. Newman Jno. C. Parker F. H. Hitchcock et al Wyckoff, Seamans & Benedict The Press Clipping Bureau	Binding cases	\$734.80 6.00 3.50 714.80 3.50 3.39
18 29	F. H. Hitchcock et al	Salaries	1. 98 675. 40
Oct. 15	Total first quarter The Press Clipping Bureau The Spectator Co		2,143.37 1.68 400.00

Name.

Date.

1900.

Oct. 31 Nov. 2

# INVESTIGATING FOREIGN DEMANDS FOR UNITED STATES AGRICULTURAL PRODUCTS—Continued.

Total.

\$729.80 48.00 4.14

Nature of payment.

Salaries Envelopes : Telephone rent.

	Co.		
26	F. H. Hitchcock	Traveling expenses	19.85
30	F. H. Hitchcock et al	Salaries	687.90
Dec. 3	The Press Clipping Bureau	Clippings	1.32
14	do	Paper and ribbons for adding	1.47
17	E.S. Newman	Paper and ribbons for adding	9.00
		machine.	
29	S.P. Johnson	Typewriter, etc	62.50
31	F. H. Hitchcock et al	Salaries	774.37
			0.710.00
	Total second quarter		2,740.03
1001			
1901.	TIT D Massa & Come	Dealesses	10.00
Jan. 18 19	W. B. Moses & Sons The Press Clipping Bureau	Bookease	18.00
22	Jno. C. Parker	Clippings Letter press	1.08 22.72
31	F. H. Hitchcock et al	Salaries.	730.30
Feb. 11	The Press Clipping Bureau	Clinninge	3.09
1.60. 11	W. B. Moses & Sons	Clippings Bookcase units	9.00
	Brentanos	Statistical books	67.95
12	Brentanos The Chesapeake and Potomac Telephone	Telephone rent.	6.25
110	Co.	2010pilono 1011pi i i i i i i i i i i i i i i i i i i	01.10
-28	F. H. Hitchcock et al	Salaries	759.40
Mar. 12	The Press Clipping Bureau	Clippings	5.82
23	United States Envelope Co	Envelopes	96.00
30	F. H. Hitchcock et al	Salaries	822.80
	Total third quarter		2,542.41
A 0	To a Cl Devilers	E	51,00
Apr. 6	Jno. C. Parker The Spectator Co. The Press Clipping Bureau.	Envelopes, etc	400.00
19	The Press Clipping Bureau	Clippings	3.21
30	F. H. Hitchcock et al	Salaries.	
May 1	E S Newman	Ribbons for adding machine	3.00
3	E. S. Newman The Chesapeake and Potomac Telephone	Telephone rent	6.25
3	Co.	a oropatono i ontenta	
13	The Press Clipping Bureau Wyckoff, Seamans & Benedict	Clippings	1.56
	Wyckoff, Seamans & Benedict	Ribbons	6.00
16	E.S. Newman	Ribbons	350.00
		countant.	
	do F. H. Hitchcock et al	Arithmometer paper	3.00
31	F. H. Hitchcock et al.	Salaries	832.80
June 15	Houghton & Delano	Films	7.00
18	Pearre E. Crowl Co Houghton & Delano	Stamp gum	52.38
22	Creat Corporter	Camera	15. 25 18. 00
22	Grant Carpenter	Adjusting arithmometer	10.00
	Total founth quantar		2,565.55
	Total fourth quarter		2,000.00
	Supplemental,	*	
July 5	Adams Express Co	Transportation	2.06
9	Houghton & Delano	Films	8.40
	E.S. Newman	Paper and ribbon for adding	5.50
		machine.	0.07
Aug. 21	The Chesapeake and Potomac Telephone	Rent	6.25
30	Co. The Press Clipping Bureau	Clippings	1.20
90	The Fress Chipping Bureau	Cuppings	1.20
	Total		23, 41
	2 0 000		
	RECAPITULA	TION.	
			40 140 07
First qu	arter		\$2,143.37
Second (	quarter narter		2,740.03 2,542.41
Formth (	quarterquarter		2 565 55
Supplem	quarter nental		23.41
Supplen	1011bat	••••	NO. TI
Tot	tal		_ 10,014,77
10	v.v		,,

## Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BOTANICAL INVESTIGATION AND EXPERIMENTS.

Date.	Name.	Nature of payment.	Total.
1900.			
ulv 20	G. W. Moss V. K. Chesnut et al S. S. Boyce L. H. Dewey O. F. Cook E. R. Lake Will W. Tracy, jr. Washington Gaslight Co. United States Electric Lighting Co. Jno. C. Parker Z. D. Gilman A. J. Pieters.	Passenger transportation	375.
uly 20 31	V. K. Chesnut et al	Salaries	\$75. 1,516.
ug. 1	S. S. Boyce	Salary Traveling expenses Salary do	51. 50.
10	L. H. Dewey	Traveling expenses	168.
11	E R Lake	do	150.
14	Will W. Tracy, ir	Expenses	49.
21	Washington Gaslight Co	Gas	1. 4. 1.
	United States Electric Lighting Co	Lighting Shannon binding case	4.
24	Jno. C. Parker	Shannon binding case	1.
25	Z. D. Gilman	Pressure tubing Seeds	1.
	A. J. Pieters. M. G. Kains Thos. Somerville & Sons V. K. Chesnut et al	Traveling expenses	16. 62.
29	Thos Somerville & Sons	Traveling expenses Pump, pipe, etc	66.
31	V. K. Chesnut et al.	Salaries	1 509
pt. 4	S. S. Boyce	Salarydo	100.
5	O. F. Cook	do	100. 168. 17.
	Chicago House Wrecking Co	Roofing Hose, etc Traveling expenses	17.
	Rudolph, West & Co	Hose, etc	19.
	V. K. Chesnut et al. S. S. Boyce O. F. Cook Chicago House Wrecking Co Rudolph, West & Co. Carl S. Scofield E. R. Lake. Z. D. Gilman	Solary	19. 185. 150.
- 7	Z. D. Gilman	Tubing.etc	3.
	Carter, Rice & Co. Corpn	Oak tag	2.
	Whithall Tatum & Co	Tubing, etc	2. 1.
	Houghton & Delano	Photo supplies	9.
	T23 C C-1	Traveling expenses Salary Tubing, etc Oak tag Tubing, etc Photo suppliesdo	8.
12	Edw. S. Schmidt	Labels Electric current	3. 1.
12	E. R. Lake Z. D. Gilman Carter, Rice & Co. Corpn. Whithall Tatum & Co Houghton & Delano. do Edw. S. Schmidt United States Electric Lighting Co. Washington Gaslight Co. Ernest Betz Chas. Becker Houghton & Delano. F. W. Bolgiano Jas. B. Lambie Rudolph, West & Co Atlanta and West Point R. R. Co Southern Rwy. Co. do Library Bureau	Gas	1.
	Ernest Betz	Gas Copper trays, etc Linseed oil Films	21.
	Chas. Becker	Linseed oil	6.
15	Houghton & Delano	Films	5.
	F. W. Bolgiano	Farm wagon Nails, etc	49.
17	Jas. B. Lambie	Naiis, etc	6. 20.
19	Rudolph, West & Co	Hardware Passenger transportation	20.
21	Southern Rwy Co	do	5. 33.
	do	do	5.
24	Library Bureau Will W. Tracy, jr. V. K. Chesnut et al	rassenger transportation do do do Index cards Expenses Salaries	14.
	Will W. Tracy, jr	Expenses	37.
29	V. K. Chesnut et al	Salaries	1,364.
	Total first quarter		5, 970.
t. 2	S. S. Boyce	Salary	100.
	O. F. Cook	do	163.
3	O. F. Cook Ernest Betz	do Making germinating chamber	85.
4	E. R. Lake Bausch & Lomb Optical Co- The Atchison, Topeka and Santa Fe Rwy.	Salary Triplet Passenger transportation	150.
_	Bausch & Lomb Optical Co	Triplet	5.
5	Co.		16.
	Southern Rwy. Co	do	18.
	Atlanta Coast Line R. R. Co	do	12. 21.
	Norfolk and Washington, D. C., Steamboat	do	21.
			3.
	Florida East Coast Rwy. Co	do	33.
	Keokuk and Western R. R. Co	do	6. 22.
9	Pennsylvania K. K. Co	Charling amongs	22.
10	Co. Keokuk and Western R. R. Co Hennsylvania R. R. Co L. H. Dewey R. Carter Ballantyne E. R. Lake do Flint & Walling Mannfacturing Co	Mane	61.
10 16	E. R. Lake	Traveling expenses	46.
	do	do	90
	Flint & Walling Manufacturing Co	Tank Seed plates Electric current	25.
		Seed plates	25. 2. 1.
	Houghton & Delano.	Electric current	1.
	Houghton & Delano. United States Electric Lighting Co	Cas	
19	do Flint & Walling Manufacturing Co Houghton & Delano United States Electric Lighting Co. Washington Gaslight Co. S. S. Royen	Gas.	40
18 20	Houghton & Delano. United States Electric Lighting Co. Washington Gaslight Co. S. S. Boyce Church & Stephenson	Gas. Salary	48.
18 20 24	Houghton & Delano. United States Electric Lighting Co. Washington Gaslight Co. S. S. Boyce Church & Stephenson Southern Rwy. Co.	Gas Salary Lumber Passenger transportation	48. 114.
18 20 24	Houghton & Delano. United States Electric Lighting Co. Washington Gaslight Co. S. S. Boyce Church & Stephenson Southern Rwy. Co. do	Gas. Salary Lumber Passenger transportation do	114. 17. 3.
18 20 24	Houghton & Delano. United States Electric Lighting Co. Washington Gaslight Co. S. S. Boyce Church & Stephenson Southern Rwy. Co. do Chicago and Northwestern Rwy. Co.	Gas Salary Lumber Passenger transportation do do	114. 17. 3.
18 20 24	Houghton & Delano. United States Electric Lighting Co. Washington Gaslight Co. S. S. Boyce Church & Stephenson Southern Rwy. Co. do Chicago and Northwestern Rwy. Co. Thos. Cook & Son.	Gas. Salary Lumber Passenger transportation do do do do	114. 17. 3. 8. 92.
18 20 24	Houghton & Delano. United States Electric Lighting Co. Washington Gaslight Co. S. S. Boyce Church & Stephenson Southern Rwy. Co. do Chicago and Northwestern Rwy. Co. Thos. Cook & Son. do.	Gas. Salary Lumber Passenger transportation do do do do do	114. 17. 3. 8. 92. 51.
18 20 24	Church & Stephenson Southern Rwy. Co. do Chicago and Northwestern Rwy. Co. Thos. Cook & Son. do Chicago at Way Oyloys and Tayo Bodfo	Salary Lumber Passenger transportation  do  do  do  do	114. 17. 3. 8. 92. 51.
18 20 24	Church & Stephenson Southern Rwy. Co. do Chicago and Northwestern Rwy. Co. Thos. Cook & Son. do Chicago at Way Oyloys and Tayo Bodfo	Salary Lumber Passenger transportation  do  do  do  do	1. 48. 114. 17. 3. 8. 92. 51. 2.
18 20 24	Church & Stephenson Southern Rwy. Co. do Chicago and Northwestern Rwy. Co. Thos. Cook & Son. do Chicago at Way Oyloys and Tayo Bodfo	Salary Lumber Passenger transportation  do  do  do  do	114. 17. 3. 8. 92. 51. 2.
18 20 24	Houghton & Delano. United States Electric Lighting Co Washington Gaslight Co S. S. Boyce Church & Stephenson Southern Rwy. Co do Chicago and Northwestern Rwy. Co Thos. Cook & Son do Cincinnat, iNew Orleans, and Texas Pacific Rwy. Co. The Western Rwy. of Alabama Alabama Midland Rwy. Co. Southern Pacific Co do	Salary Lumber Passenger transportation  do  do  do  do	114. 17. 3. 8. 92. 51.

## BOTANICAL INVESTIGATION AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Oct. 26	U. M. Steward	Clover seed	\$3.00
30	Geo. F. Muth & Co	Lead, etc	\$3.00 6.35
	Houghton & Delano	Pipe, ete	17.44 4.68
	do	Plates do	12. 42 2. 00
	Edw. S. Schmidt	Rabbits	$\frac{2.00}{1.50}$
	do	Nicotine Sprinkler Chemicals	1.00
	Mackall Bros	Chemicals	4.25
31	V. K. Chestnut et al	Knife.	1.00 $1,251.62$
Nov. 2	U. M. Steward Geo. F. Muth & Co. Thos. Somerville & Sons. Houghton & Delano.  do Edw. S. Schmidt do do Mackall Bros F. P. May & Co. V. K. Chestnut et al The Chesapeake and Potomac Telephone Co.	Salaries Telephone service	10.39
3	Co. E. R. Lake O. F. Cook Vera K. Charles These Geoter for Some	Salary do do Report on seed coat Passenger transportation do do do Traveling expenses Parmphlet cases	150.00
~	O. F. Cook	do	168.50
5 6	Thos Cook & Son	Passenger transportation	150.00 83.30
~	Thos. Cook & Son Gulf, Colorado and Santa Fe Rwy. Co	do	10.30
10	The Chesapeake and Ohio Rwy. Co.  A. J. Pieters The Randolph Paper Box Co. Church & Stephenson M. Du Perow The Warren W. Biggs Heating and Ventilating Co.	do	$14.55 \\ 121.72$
16	The Randolph Paper Box Co	Pamphlet cases	6.90
17	Church & Stephenson	Lumber	8.08
	M. Du Perow	Pamphlet cases Lumber Cells Repairs to boiler	$\frac{1.70}{105.00}$
	tilating Co.	Repairs to boner	
19	Hating Co. Houghton & Delano Fred. A. Schmidt Will. W. Tracy, jr F. A. Walpole Wm. H. Rupp W. R. Beattie Z. D. Gilman	Photo supplies Cross-section paper Expenses Traveling expenses Perforator	7.77 1.16
20	Will W Tracy ir	Cross-section paper	$\frac{1.16}{32.50}$
22 23	F. A. Walpole	Traveling expenses	205.20
23	Wm. H. Rupp	Perforator	25
27	Z. D. Gilman		16.03 .24 .77
21	The Geo. W. Knox Express Co	Naphthaline Transportation Electric current	. 77
	United States Electric Lighting Co	Electric current	65
28	L. H. Dewey	Gas Traveling expenses Salaries Salary	$\begin{array}{c} 2.40 \\ 124.50 \end{array}$
30	V. K. Chestnut et al	Salaries	$1, 168.40 \\ 150.00$
Dec. 1	Z. D. Gliman The Geo. W. Knox Express Co United States Electric Lighting Co. Washington Gaslight Co L. H. Dewey V. K. Chestnut et al E. R. Lake O. F. Cook	Salarydo	150.00 163.00
3	Rochester Optical and Camera Co	Repairs to premo	6,50
	Houghton & Delano	Photo supplies	6.50 10.20
	W S Thompson	Seed plates	<b>2</b> . 82
	E. Morrison Paper Co	Tag-board paper	. 60 3. 50
5	Thos. Somerville & Sons	Pipe, etc	112.46 6.50
	Baltimore and Ohio R. R. Co.	do	9.00
	do	do	17.00
	Union Pacific R. R. Co.	do	5. 67 8. 10
6	Vera K. Charles	Report on seed coats	100.00
11	Mary Gannett	Mounting plants	100.00 5.70
15 17	Edgar Brown	Forcers	5.45
1,	E. R. Lake O. F. Cook Rochester Optical and Camera Co Houghton & Delano do W. S. Thompson E. Morrison Paper Co Thos. Somerville & Sons Thos. Cook & Son Baltimore and Ohio R. R. Co do Union Pacific R. R. Co Chicago and Northwestern Rwy. Co Vera K. Charles Mary Gannett Edgar Brown Z. D. Gilman E. R. Lake do Houghton & Delano Chas Backer	do Report on seed coats Mounting plants Traveling expenses Forceps Traveling expenses do Solio paper Oil Brick Electric current Gas	. 75 285. 83
	Houghton & Dolano	Solio paper	213.51 12.05
19	Houghton & Delano Chas. Becker The Standard Brick Co United States Electric Co Washington Gaslight Co F. V. Coville Adams Bros Las B Lambie	Oil	12.05 3.00 4.25
	The Standard Brick Co	Brick	4.25
21	United States Electric Co Washington Gaslight Co	Gas	2.68 4.00
29	F. V. Coville	Traveling expenses Ventilator elbows Iron, bolts, etc Salaries	31.10
	Adams Bros	Ventilator elbows	5.00 4.30
31	Jas. B. Lambie V. K. Chesnut et al	Salaries	1,196.90
31		-	7,263.04
	Total second quarter		1, AUS. UE
1901.	D.W. LOW B.B.C	D	19.50
Jan. 2	Louisville and Nashville R. P. Co.	Passenger transportation	13.50 12.40
	Pennsylvania Co	do	11.75 9.40
	Illinois Central R. R. Co	do	9.40
	Chicago Great Western Rwy Co.	do	6.00 8.00
	Pennsylvania R. R.Co	do	8.00 17.00
3	J. H. Bunnell & Co.	Silk cord	3.00 7.50
	Baltimore and Ohio R. R. Co Louisville and Nashville R. R. Co Pennsylvania Co. Illinois Central R. R. Co. Cincinnati, Hamilton and Dayton Rwy. Co. Chicago Great Western Rwy. Co Pennsylvania R. R. Co J. H. Bunnell & Co Seabury & Jchnson E. R. Lake do	Traveling expenses	128.10 53.31
	do	Expenses	53.31

### BOTANICAL INVESTIGATION AND EXPERIMENTS—Continued.

Da	te.	Name.	Nature of payment.	Total.
190				
an.	4	E. R. Lake	Salary	\$150.
	7	O. F. Cook	Lumbon	168. 11.
	1	Church & Stephenson United States Express Co Ernest Betz	Lumber Transportation Making oven	11.
	12	Ernest Betz	Making oven	11. 30.
		H. M. Pieters F. A. Walpole Rudolph. West & Co Mackall Bros	Abstract Traveling expenses Hose, etc Soda, etc	5.
	7.4	F. A. Walpole	Traveling expenses	25.
	14	Rudolph, West & Co	Hose, etc	13. 1.
	16	Carl Purdy	Bulbs	1.
	10	Washington Gaslight Co.	Gas	3.
		Washington Gaslight Co. United States Electric Lighting Co. Manhattan Electrical Supply Co.	GasElectric current	3. 8.
	19	Manhattan Electrical Supply Co	Wire	
	21	Whithall, Tatum & Co	Glass tubing	1. 17.
		do	Cards, etc	1.
	22	National Electrical Supply Co	Sockets	2.
	24 26	Thos. W. Smith	Sockets Hot-bed sash Traveling expenses	5.
	26	E. V. Wilcox	Traveling expenses	60.
	29	Edward S. Schmid	Labels	3.
	30	Conrad Becker	Straps	4.
	31	Woodward & Lothrop	Canton nannel	1.914
b.	1	R F Starr & Co	Rolting cloth	1, 214. 1.
٠.		Manhattan Electrical Supply Co- Whithall, Tatum & Co- Library Bureau do- National Electrical Supply Co- Thos. W. Smith. E. V. Wilcox Edward & Schmid Conrad Becker Woodward & Lothrop V. K. Chestnut et al B. F. Starr & Co- Felix Potin & Cie Houghton & Delano O. F. Cook J. M. Buisson J. M. Buisson J. M. Buisson J. M. Buisson J. J. M. Buisson J. Survey Break J. M. Buisson J. M. Bui	Straps Canton flannel Salaries Bolting cloth Fruit	19.
	2	Houghton & Delano	Plates, etc Salary	5. 172.
		O. F. Cook	Salary	172.
	5	J. M. Buisson Blue Line Transfer Co	Prunes Transportation	8.
	0	Blue Line Transfer Co.	Transportation	3.
	6	The Lake Shore and Michigan Southern _Rwy. Co.	Passenger transportation	4.
		The Wabash R. R. Co	do	9.
		Pere Marquette R. R. Co	do	2. 17. 7.
		Pere Marquette R. R. Co Pennsylvania Co	do	17.
	- 1	Warren M. Whyte	dodo	7.
	8	Warren M. Whyte W.M. Galt & Co Mackall Bros The Draper Manufacturing Co	Hay Chemicals Thermometer chart	16.
	11	Mackall Bros	Chemicals	5.
	11	W H Larman	Boiler	1. 49.
	12	W.H. Larman Bausch & Lomb Optical Co	Glass, etc	4.
	1.0	J. A. Pierpoint	Tin boxes	3.
		Carter, Rice & Co. Corporation	Tag board Telephone rent	10.
		The Chesapeake and Potomac Telephone	Telephone rent	12.
	16	Co. A. J. Pieters	Expenses	9.
	18		Glass	9. 7.
	19	Vera K. Charles	Report	75.
		B. F. Bush	Seeds	10.
	23	Houghton & Delano	Seeds Photo supplies	1.
	26	Richard L. Lamb	Stamp holder	2.
		W H Pupp	Galandan et and at a	٠,
		John C Parker	Glass. Calendar stand, etc. Pencil pointer	1. 3.
		Houghton & Delano Richard L. Lamb Geo. F. Muth & Co. W. H. Rupp John C. Parker Thos. Somerville & Sons United States Electric Lighting Codo Washington Gaslight Co.	Cement, etc.	3. 7.
		United States Electric Lighting Co	Lamps	i.
		do	Electric current	5.
	0**	Washington Gaslight Co Chicago, Rock Island and Pacific Rwy. Co	Gas	3.
	27	Onicago, Rock Island and Pacific Rwy. Co.	Passenger transportation	6.
		Adams Express ('o	Catalogue plants Transportation Directory	1. 7.
	28	The Florists' Exchange	Directory	2.
	700	V. K. Chesnut et al		1. 101.
r.	. 1	A. A. Heller Adams Express Co. The Florists' Exchange V. K. Chesnut et al Thos. Somerville & Sons	Fittings Salary Velvet	1, 101. 17. 155.
	10	O. F. Cook Woodward & Lothrop	Salary	155.
	13	Woodward & Lothrop	Velvet	1.
	14	Rudolph Weet & Co	Photo paper Gutter, etc Expenses	3.
	18	Will, W. Tracy, ir	Expenses	7. 41.
	-	woodward & Lothrop : E. J. Pullman Rudolph, West & Co Will, W. Tracy, jr E. R. Lake Library Bureau The Geo. W. Knox Express Co.	Traveling evnences	32
		Library Bureau	File cases	1.
	19	The Geo. W. Knox Express Co	Transportation	32. 1. 4.
	01	do	File cases  Transportation do	3.
	21 23	Church & Stephenson Eimer & Amend Robt. Smith Printing Co. Merck & Co.		6.
	23	Poht Smith Printing Co	Pans	1.
		Merck & Co	Sanotovin eta	4.
	25	Edgar Brown	Pans Scrapbooks Sapotoxin, etc Traveling expenses	8.
	~0	Edgar Brown Washington Gaslight Co. United States Electric Lighting Co	GasElectric current	4.
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BOTANICAL INVESTIGATION AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. Mar. 25	The Chesapeake and Potomac Telephone	Telephone services	\$0.15
30	Co. V. K. Chesnut et al	Salaries	1,248.70
50	Total third quarter	Data les	5,160.77
Apr. 1			172.20
Apr. 1	In C Powlers	Salary	18.60
	New Orland and Northeastern R. R. Co	Wax paper, etc. Passenger transportation	2. 45 27. 50 4. 75
2	E. J. Pullman	do Photo paper Blue paper File boxes	2.65
	Wm.H. Dyer	File boxes	1.00 6.00
	Geo. Cogar & Co	Hay Seeds	8.91 3.20 2.94
3	A. J. Pieters	Films Expenses	15, 53
	Bausch & Lomb Optical Co.	Cards, etc	1.90 17.22
9	D. T. MacDougal Thos. Somerville & Sons	Expenses Cards, etc Triplet's reading glasses Index cards Steam gauge	3.56 8.25 4.00
17 20	O. F. Cook do Jno. C. Parker New Orleans and Northeastern R. R. Co Pere Marquette R. R. Co E. J. Pullman do Wm. H. Dyer W. M. Galt & Co Geo. Cogar & Co M. A. Seed Dry Plate Co A. J. Pieters Library Bureau Bausch & Lomb Optical Co D. T. MacDougal Thos. Somerville & Sons Homer Bowers Houghton & Delano L. S. Depue	Plants	6.59
	L.S.Depue United States Electric Lighting Co Washington Gaslight Co New York, Susquehanna and Western	Plants Plates and paper Oats Electric current Gas	7.75 14.42
	Washington Gaslight Co New York, Susquehanna and Western	Gas. Transportation	4.40 33.00
	D_0 , D_0 , $C(O)$,		1.22
24 25	Blue Line Transfer Co. F. W. Bolgiano. V. K. Chestnut.	do Fertilizer Traveling expenses	16.80 48.20
	do	Expenses	5.46 4.60
27	United States Express Co	Expenses Expenses Pencil and pads Transportation do Salaries	15. 78 19. 56
May 1	V. K. Chestnut et al	Salaries	1,256.90 8.50
2	V. K. Chestnut do Fred. A. Schmidt United States Express Co Adams Express Co V. K. Chestnut et al Paul Hiser, jr., & Bro. E. Morrison Paper Co J. Burtt Davy	Binders' board	4.00 7.50
3	J. Burtt Davy. O. F. Cook V. K. Charles. The Chesapeake and Potomac Telephone	Salaries Pots Binders' board Plants Salary Report and mounted slides	164.80 100.00
	The Chesapeake and Potomac Telephone		12.50
4 8	Co. W. M. Galt & Co. Western Union Telegraph Co. United States Electric Lighting Co. Mackall Bros	Hay	8.38 1.13
16	United States Electric Lighting Co	Electric current	10. 43 7. 97
	W M Whyte	Alcohol	1.13
17	Mackall Bros. do W. M. Whyte Church & Stephenson do	Hay Telegraph service Electric current Laboratory supplies Alcohol Zinc labels Cedar posts Lumber	3. 00 34. 50 23. 53
			16, 94
24	Thos. Somerville & Son	Tin pipe Books	5.15 4.00 3.70
	Chas. L. Smith F. A. Walpole Bayesh & Lomb Optical Co		27.85 4.65
28	Eimer & Amend Western Union Telegraph Co	Hydrometer	1.00 2.19
20	Ethel Snell	Book Albuma paper Traveling expenses Pencils.	1.00 1.25
	Fred V. Coville	Traveling expenses	7.10
June 3	F. A. Walpole Bausch & Lomb Optical Co. Eimer & Amend Western Union Telegraph Co. Ethel Snell E. J. Pullman Fred V. Coville Fred. A. Schmidt V. K. Chestnut et al M. G. Kains O. F. Cook	Salaries Salary	1. 10 1, 428. 54 52. 75 170. 40
June 5	O. F. Cook	Bassanger transportation	170. 40 78. 25
	O. F. Cook Baltimore and Ohio R. R. Co. Washington Gaslight Co V. K. Chesnut	Passenger transportation Gas	3.40
7	V. K. Chesnutdo do E. Morrison Paper Co J. A. Pierpoint. Woodward & Lothrop F. W. Bolgiano Lamb Wire Fence Co Edw.d. S. Schmidt	Driers, etc.	84.77 40.16 23.25
11	J. A. Pierpoint Wesdward & Lothney	Tin boxes	17. 50 13. 50
	F. W. Bolgiano	Jars Plow, etc Wire fence	12. 25 57. 60
	Lamb Wire Fence Co Edwd. S. Schmidt Leidy S. Depuedo Jas. S. Topham	Plant stakes	3.00 13.20
	Leidy S. Depue	Oats do Camera case, etc	13. 20 12. 40 16. 50

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BOTANICAL INVESTIGATION AND EXPERIMENTS—Continued.

Da	te.	Name.	Nature of payment.	Total.
190)1			
June	e 12	Church & Stephenson Jno. B. Lord Eimer & Amend	Lumber	\$20, 25
	13 14	Jno. B. Lord	Sand	6.30
	14	do Amend	Sand Weights Hydrometers Glass tubes Chemicals Thermometers Chloretone Jars, etc	. 83 5. 25
			Glass tubes	4.00
		do	Chemicals	4.00 1.35
		Henry J. Green Parke Davis & Co Whitall Tatem & Co Rochester Optical and Camera Co C. Becker Thos. Somerville & Son	Thermometers	4.50
		Whitall Tatem & Co	Jars, etc	11.75 .54
		Rochester Optical and Camera Co	Holders, etc Leather straps Tank	5.35
	15	C. Becker	Leather straps	9.00
	17		Camera attachment	4.00 36.25
	21	Vera K. Charles Vera K. Charles Western Union Telegraph Co do Jas. S. Topham Houghton & Delano	Report and drawings	125,00
		Western Union Telegraph Co	Service	. 70 1. 88
	99	Too S /Phom	do	1.88
	22 24	Houghton & Delano	Photo supplies	8.00 56.79
	14.1	do	Prints	56.79 7.90
	05	V.K.Chesnut do Ernest Betz	Tank Camera attachment Report and drawings Service do Case Photo supplies Prints Traveling expenses Expenses Repairs Passenger transportation do Electric current Gas	50.00
	25	Franci Retz	Expenses	19.65 3.55
		New York and Porto Rico Steamship Co	Passenger transportation	50,00
		The Chesapeake and Ohio Rwy. Co	do	76, 75
	27	United States Electric Lighting Co	Electric current	1.90 2.70
		Jas S Topham	Gas	2.70 6.00
	28	Ernest Betz New York and Porto Rico Steamship Co The Chesapeake and Ohio Rwy. Co United States Electric Lighting Co Washington Gaslight Co Jas. S. Topham Rudolph, West & Co F. W. Bolgiano V. K. Chesnut et al	Case Wire netting.etc	65, 49
		F. W. Bolgiano	Plaster	65, 49 6, 50
	29	V. K. Chesnut et al	Salaries	1,504.70
		Total fourth quarter		6, 322. 93
	- 1	Supplemental.		
190	1.			
July	5	Vera K. Charles. Adams Express Codo	Report and drawings	50.00
		do	Transportation	17.00
		do M. G. Kains W. R. Beattie Western Electric Co	Transportation do Salary Expenses Adjusting thermometer Thermometer coils	1.00 17.90 98.90
	6 8	W. R. Beattie	Expenses	32.71 21.50
	8	western Electric Co	Adjusting thermometer	21.50
		do Rochester Optical and Camera Co Eimer & Amend Bausch & Lomb Optical Co Thos. W. Smith A. J. Pieters do	Slides	4.00 2.10
		Eimer & Amend	Slides Hydrometer and express	1.05
	9	Bausch & Lomb Optical Co	Nose piece Stakes	27.00
	16	A J Pieters	Evnenses	15. 43
	10	do	do	6.58 4.17
	1 **	do do Church & Stephenson Houghton & Delano Sheets & Bishop	ExpensesdoTraveling expenses	4.17
	17	Church & Stephenson	Lumber	8.64
		Sheets & Bishop	Tripod etc	30.15 8.20
		L. S. Depue	Oats	16.50
		L.S. Depue J. T. Walker's Sons Houghton & Delano W.J. Gerhard	Traveling expenses Lumber Photograph supplies Tripod, etc Oats Sand Photograph supplies Botanical publications Salary	1. 25
	18	W.J. Gerhard	Botanical publications	24.50 2.75
	19	Robt. F. Griggs	Salary	39 60
		United States Electric Lighting Co	Electric light	1.57 2.10 7.71
		Washington Gaslight Co	Transportation	2.10
	22	Edgar Brown	Traveling expenses	100.37
	26	Northern Pacific Rwy. Co	Transportation	25.65 57.72
	29	F. V. Coville	Expenses	57.72
		Edgar Brown	Sotanical publications Salary Electric light Gas Transportation Traveling expenses Transportation Expenses do do do Books	26.45 10.64
		C. L. Smith	Books	140.00
A	30	Jno. C. Parker	Record book	2.75 1.00
Aug	. 2	K. Carter Ballantyne	Labels	1.00 3.50
		Pennsylvania R. R. Co.	Passenger transportation	6.50
		Pacific Clipper Line	do	75.00
	3	Mackall Bros	Books Record book Labels Blotting paper Passenger transportation do Chemicals Labels	116.48
	8	The Geo W Knor Express Co	Transportation	35.00 5.40
	12 17	Robt. F. Griggs	Labels Transportation Traveling expenses	5.40 93.47
		Vera K. Charles	Expressage	1.00
	21	F. A. Walpol	Expressage Traveling expenses	1.00 12.00 12.50
		Houghton & Delano W. J. Gerhard Robt. F. Griggs. United States Electric Lighting Co Washington Gaslight Co. United States Express Co Edgar Brown Northern Pacific Rwy. Co F. V. Coville Will. W. Treacy Edgar Brown C. L. Smith Jno. C. Parker R. Carter Ballantyne E. Morrison Paper Co Pennsylvania R. R. Co Pennsylvania R. R. Co Pacific Clipper Line Mackall Bros Thos. Taylor, M. D The Geo. W. Knox Express Co. Robt. F. Griggs Vera K. Charles F. A. Walpol The Chesapeake and Potomac Telephone Co. V. K. Chesnut	Rent	12.50
	23	V. K. Chesnut do		64.85
		do	Expenses	133.97

BOTANICAL INVESTIGATION AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. Aug. 29 Sept. 21 Oct. 2 5 12	Supplemental—Continued. Guy N. Collins Mexico Commercial Co Wm. Ballantyne & Sons Northern Pacific Rwy. Co Postal Telegraph Cable Co Total	Expenses Transportation Books Passenger transportation Service	\$9.45 88.46 42.72 5.20 6.82 1,502.96

RECAPITULATION.

1010111110111	
First quarter Second quarter Third quarter	\$5,970.05
Second quarter	7, 263, 04
Third quarter	5, 160, 77
Fourth quarter	6, 322, 93
Fourth quarter Supplemental	1,502.96
Total	96 910 75

BOTANICAL INVESTIGATION AND EXPERIMENTS.

[Appropriation for 1900-01.]

Name. A. J. Pieters E. Morrison Paper Co. A. J. Pieters et al. Total fourth quarter, 1900 Henry H. Brown Thos. H. Kearney, jr Henry J. Green Whitall, Tatum & Co Washington Gaslight Co. E. Morrison Paper Co. United States Electric Lighting Co. S. H. Moore Henry Lindemeyr & Sons Houghton & Delano	Mailing tubes Salaries Kodak etc Traveling expense Thermometer Vials Gas Mailing tubes Electric current Set portfolios	\$33, 79 95 1, 229, 70 1, 264, 44 33, 45 9, 17 3, 00 25, 94 2, 00 6, 65 3, 75
E. Morrison Paper Co. A. J. Pieters et al. Total fourth quarter, 1900 Henry H. Brown Thos. H. Kearney, jr Henry J. Green Whitall. Tatum & Co Washington Gaslight Co. E. Morrison Paper Co. United States Electric Lighting Co. S. H. Moore Henry Lundemeyr & Sons	Mailing tubes Salaries Kodak etc Traveling expense Thermometer Vials Gas Mailing tubes Electric current Set portfolios	33. 45 9. 17 33. 45 9. 17 3. 00 25. 94 2. 00 6. 65 3. 75
E. Morrison Paper Co. A. J. Pieters et al. Total fourth quarter, 1900 Henry H. Brown Thos. H. Kearney, jr Henry J. Green Whitall. Tatum & Co Washington Gaslight Co. E. Morrison Paper Co. United States Electric Lighting Co. S. H. Moore Henry Lundemeyr & Sons	Mailing tubes Salaries Kodak etc Traveling expense Thermometer Vials Gas Mailing tubes Electric current Set portfolios	33. 45 9. 17 33. 45 9. 17 3. 00 25. 94 2. 00 6. 65 3. 75
A. J. Pieters et al Total fourth quarter, 1900 Henry H. Brown Thos. H. Kearney, jr Henry J. Green Whitall, Tatum & Co Washington Gaslight Co. E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lundemeyr & Sons	Kodak.etc Traveling expense Thermometer Vials Gas Mailing tubes Electric current Set portfolios	1, 229. 70 1, 264. 44 33. 45 9. 17 3. 00 25. 94 2. 00 6. 65 3. 75
Total fourth quarter, 1900 Henry H. Brown Thos. H. Kearney, jr Henry J. Green Whitall, Tatum & Co Washington Gaslight Co E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lundemeyr & Sons	Kodak, etc Traveling expense Thermometer Vials Gas Mailing tubes Electric current Set portfolios	1, 264. 44 33. 45 9. 17 3. 00 25. 94 2. 00 6. 65 3. 75
Henry H. Brown Thos. H. Kearney, jr Henry J. Green Whitall, Tatum & Co Washington Gaslight Co E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lundemeyr & Sons	Kodak etc Traveling expense Thermometer Vials Gas Mailing tubes Electric current Set portfolios	33. 45 9. 17 3. 00 25. 94 2. 00 6. 65 3. 75
Thos. H. Kearney, jr Henry J. Green Whitall, Tatum & Co Washington Gaslight Co. E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lindemeyr & Sons	Traveling expense	9.17 3.00 25.94 2.00 6.65 3.75
Thos. H. Kearney, jr Henry J. Green Whitall, Tatum & Co Washington Gaslight Co. E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lindemeyr & Sons	Traveling expense	9.17 3.00 25.94 2.00 6.65 3.75
Henry J. Green. Whitall, Tatum & Co. Washington Gaslight Co. E. Morrison Paper Co. United States Electric Lighting Co. S. H. Moore Henry Lundemeyr & Sons	Thermometer Vials Gas Mailing tubes Electric current Set portfolios	3.00 25.94 2.00 6.65 3.75
Whitall, Tatum & Co Washington Gaslight Co E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lindemeyr & Sons	Vials Gas Mailing tubes Electric current Set portfolios	2.00 6.65 3.75
E. Morrison Paper Co United States Electric Lighting Co S. H. Moore Henry Lindemeyr & Sons	Mailing tubes Electric current Set portfolios	6.65 3.75
S. H. Moore Henry Lindemeyr & Sons	Set portfolios	3.75
S. H. Moore Henry Lindemeyr & Sons	Set portfolios	
Henry Lindemeyr & Sons		E 172
		5.75 7.73
		4. 25
Eimer & Amend	Tripod, etc.	2, 88
do	. Weights	. 80
E. Morrison Paper Co	Herbarium paper	45.00
Houghton & Delano	Solio paper	3.90
Carter, Rice & Co. (Corporation)	Paper	21.00
The Springer Torsion Balance Co	Metric beam	15.50 1.17
wintan, Tatum & Co	Shell riels and conks	24.42
Eimer & Amend	Reagant hottles etc	4. 40
		5. 40
		3.51
The Draper Manufacturing Co	Thermometers	20.00
		4.00
		6. 93
E. Morrison Paper Co	Mailing tubes	1.43 17.50
J. A. Pierpoint	Tin boxes	8.82
Budolph Wort & Co	Handwano	2.59
Geo P Killian Co	Paper boxes	16.50
M. Du Perow	Fans	52.50
Wyckoff, Seamans & Benedict	. Adjusting typewriter	. 60
United States Envelope Co	Envelopes	17.94
Whitall, Tatum & Co	Vials	4.27
		97.50 2.00
Hanry I Green		18.00
v	-	
Total first quarter 1901		500.25
Mackall Bros	Glycerin	4.40
The Chesapeake & Ohio Rwy. Co	Passenger transportation	31.50
Bausch & Lomb Optical Co	Micro-planar flange	30.00
Wm. H. Rupp	Envelopes	5.64
Total second quarter		71.54
	Houghton & Delano Eimer & Amend do varison Paper Co. Houghton & Delano Carter, Rice & Co. (Corporation) The Springer Torsion Balance Co Whitall, Tatum & Co. do . Eimer & Amend Houghton & Delano do The Draper Manufacturing Co Eberbach & Son G. A. Shehan E. Morrison Paper Co. J. A. Pierpoint Henry H. Brown Rudolph, West & Co Geo. P. Killian Co. M. Du Perow Wyckoff, Seamans & Benedict United States Envelope Co. Whitall, Tatum & Co The Randolph Paper Box Co Chas. P. Edmonston Henry J. Green Total first quarter 1901 Mackall Bros The Chesapeake & Ohio Rwy. Co Bausch & Lomb Optical Co. Wm. H. Rupp	Houghton & Delano Eimer & Amend Tripod, etc Weights E. Morrison Paper Co. Houghton & Delano Carter, Rice & Co. (Corporation) Paper Carter, Rice & Co. (Corporation) Paper Paper Paper Paper Paper Paper Paper Copper wire, etc Oopper wire, etc O

BOTANICAL INVESTIGATION AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. Jan. 15 Feb. 18 Mar. 18 21	W. H. Butler Wagner Typewriter Co Lemcke & Buechner W. H. Lowman	Botanical publication	\$7.92 62.50 4.90 6.00
Apr. 2 June 14	Total third quarter Mackall Bros Lemcke & Buechner	Chemicals	81.32 2.21 11.23
1901.	Total fourth quarter		13.44
July 5	B. H. Warner	Land rent	50.00
RECAPITULATION.			

Fourth quarter, 1900	\$1,264,44
First quarter, 1901	500.25
Second quarter, 1901	71.54
Third quarter, 1901	81.32
Fourth quarter, 1901	13.44
Supplemental	
11	
Total	1 090 00

RENT OF BUILDING.

Date.	Name.	Nature of payment.	Total.
1900. Oct. 6 1901. Jan. 5 Apr. 2	Jane E. Howlettdo	Rent, first quarter Rent, second quarter Rent, third quarter	\$180.00 180.00 180.00
July 16	Supplemental. Jane E. Howlett Total	Rent, fourth quarter	180.00 720.00

ENTOMOLOGICAL INVESTIGATIONS.

190	00.			
July	23	L. H. Harvey	Set of slides	\$10.00
	24	L.O. Howard	Traveling expenses	7, 80
	31	E. A. Schwarz et al	Salaries	1,351.30
Aug	. 1	The Publishers and Printers' Engraving Co	Engraving of insects	1.75
		do	do	2.73
		Addie L. Harvey	Specimens of Odonata	11.45
	14	Mackall Bros		10, 68
		Z. D. Gilman	Flint bottles	3.00
	17	F. C. Pratt	Traveling expenses	19.71
	20	The Publishers and Printers' Engraving Co	Engraving, etc	8.84
		do	do	4.38
		The American Entomological Co	Insect boxes	55,00
	29	Jno. C. Parker	Letter books	24,00
	30	F. C. Pratt		32.15
	31	E. A. Schwarz et al	Salaries	1,339,07
Sept	t. 7	Z. D. Gilman	Dishes, etc	5. 92
-		Jno. Ackhurst	Net rings and cones	
		do.	Forcens	3,00
		Bausch & Lomb Optical Co	Field glasses	30, 40
		Library Bureau	Cards	25.60
	13	L.O. Howard	Expenses	8, 35
		Frank Benton	Traveling expenses	26.30
	17	Jno. Green	Triplet	13.00
		The Publishers and Printers' Engraving Co	Engraving.	14.84
		Queen & Co., incorporated	Cases and expressage	3.75
		Chas. P. Edmonston	Strainers, etc.	1.30
	19	C. B. Simpson	Salary	196, 77
		•		_,,,,,

ENTOMOLOGICAL INVESTIGATIONS—Continued.

		·		
Dat	e.	Name.	Nature of payment.	Total.
1900				
Sept.	24	The Geo. W. Knox Express Co	Transportation	\$14.05
		Bausch & Lomb Optical Co	Burner, jars and labels	. 50 9. 00
		The Publishers and Printers' Engraving Co	Electros Burner, jars and labels Engraving Salaries	2.19
	29	E. A. Schwarz et al	Salaries	1,307.90
		Total first quarter		4,550.23
Oct.	2	C. B. Simpson American Press Clipping Bureau Southern Printers' Supply Co L. O. Howard Pennsylvania R. R. Co Bernhard Hellmich	Traveling expenses	59.18
		American Press Clipping Bureau	Clippings	1.59
		Southern Printers' Supply Co	Electros	2.00
	5	Pennsylvania R. R. Co	Traveling expenses Passenger transportation	24. 00 74. 25
	15	Bernhard Hellmich	Photo on wood	74. 25 1. 75
	16	American Press Clipping Bureau	Clippings	3.91
	18 24	C. B. Simpson	Salary	100.00 15.90
	24	The Oregon R. R. and Navigation Co.	dodo	15, 90
		D. Frank Parker	Mimeograph paper, etc	6.35
	25	Southern Printers' Supply Co	Electros	a.00
	26 30	E. Morrison Paper Co	Genn's covers	8.80
	31	E. A. Schwarz et al	Salaries	1,367.24
Nov.	2	L.O. Howard	Expenses	3.00 1,367.24 6.95
		Pennsylvania R. R. Co. Beruhard Hellmich American Press Clipping Bureau C. B. Simpson Oregon Short Line R. R. Co. The Oregon R. R. and Navigation Co. D. Frank Parker Southern Printers' Supply Co. L. O. Howard E. Morrison Paper Co. E. A. Schwarz et al L. O. Howard The Chesapeake and Potomac Telephone Co.	Passenger transportation Photo on wood Clippings Salary Passenger transportation do Mimeograph paper, etc Electros Traveling expenses Genn's covers Salaries Expenses Telephone service	6.25
	12 17	Co. S. P. Tresslar Mackall Bros Bausch & Lomb Optical Co. C. B. Simpson Houghton & Delano. Z. D. Gilman E. A. Schwarz et al. The Publishers and Printers' Engraving Co. Jno. Green. American Press Clipping Bureau E. Morrison Paper Co. do R. Carter Ballantyne Sigrid Gustafson Library Bureau Library Bureau The Publishers and Printers' Engraving Co	Photos	5.00 2.75
	17	Mackall Bros	Glycerin	2.75 3.75
		C. B. Simpson	Salary	106.67
	19	Houghton & Delano	Photo supplies	2.76
	27 30	Z. D. Gilman	Droppers	
Dec.	3	The Publishers and Printers' Engraving Co.	Engraving	1,328.80 1.75
Dec.	0	Jno. Green	Triplet lens	13.00
		American Press Clipping Bureau	Clippings	2. 25 2. 45
		E. Morrison Paper Co	Cardboard	2.40 1.00
	5	R. Carter Ballantyne	Envelopes.	3.40
	5 17	Sigrid Gustafson	Photos	6.00
	18	Library Bureau.	Book supports	7.50 1.00
	20 29	American Press Clipping Co	Clippings	1.35
		The Maurice Joyce Engraving Co	Engraving	5.40
	31	The Publishers and Printers' Engraving Co American Press Clipping Co The Maurice Joyce Engraving Co J. Mantz Engraving Co. E. A. Schwarz et al	Solonios	50.00 1,371.60
	91		Photos Glycerin Labels Salary Photo supplies Droppers Salaries Engraving Triplet lens Clippings Cardboard Genn's covers Envelopes Photos Book supports Engravings Clippings Clippings Csardboard Genn's covers Envelopes Envelopes Enyravions Book supports Engravings Clippings Clippings Salaries	
		Total second quarter	-,	4,619.00
1901 Jan.	l. 3	The Publishers and Printers' Engraving Codo Mackall Bros United States Express CoRudolph, West & CoRudolph, West & CoBusch & Lomb Optical CoBusch & Lomb Optical CoBusch & Lomb CoBusch & Lomb CoBusch & Lomb CoBusch & Lamb	Engravingdo Cotton Transportation Nippers Engraving Camera lucida, etc Numbering machine Thermometers Cocoons Clippings Engravings Salaries Cocoons Traveling expenses Repairing lens Drawings for line engravings Engraving Passenger transportation Traveling expenses Engraving Orawing expenses Engraving Companying Co	13. 48
рап.	9	do	do	19, 81
	7	Mackall Bros	Cotton	2.75 3.11
	14	United States Express Co	Transportation	3.11 1.14
	19	The Publishers and Printers' Engraving Co.	Engraving	4.00
	19 21	Bausch & Lomb Optical Co	Camera lucida, etc	4.00 21.10
	24	Richd. L. Lamb	Numbering machine	9.80
	26	E D Foresman	Cocoons	7.50
		American Press Clipping Bureau	Clippings	2. 50 7. 50 1. 65
	28	J. Mantz Engraving Co.	Engravings	50.00
Feb.	31	E. A. Schwarz et al	Salaries	1,402.70
ren.	2	E. A. Schwarz	Traveling expenses	4.00 207.16
		Jno. Green	Repairing lens	10.00
	5	Harry J. Green E. D. Foresman American Press Clipping Bureau J. Mantz Engraving Co. E. A. Schwarz et al S. T. Kemp E. A. Schwarz Jno. Green The Publishers and Printers' Engraving Co do The Pullman Co C. B. Simpson The Publishers and Printers' Engraving Co do E. H. Rust	Drawings for line engravings	20.71 1.75
	6	The Pullman Co	Passenger transportation	11.00
	11	C. B. Simpson	Traveling expenses	92.90
		The Publishers and Printers' Engraving Co	Engraving	25.57
	12	E. H. Rust	Photos	13.12
	1~	Library Bureau	Photos Cards Engravings Telephone rent	5.00 2.25 3.50
		The Publishers and Printers' Engraving Co The Chesapeake and Potomac Telephone	Engravings	3.50
		The Chesapeake and Potomac Telephone Co.	Telephone rent	6.25
	13	The Publishers and Printers' Engraving Co	Engravings	17.73
	19	H. A. Morgan	Report	120.00

Expenditures of Department of Agriculture for year ending June~30, 1901 -- Cont d.

ENTOMOLOGICAL INVESTIGATIONS—Continued.

Da	te.	Name.	Nature of payment.	Total.
190	01.			
Feb	. 20	American Press Clipping Bureau Allen's Press Clipping Bureau Houghton & Delano The Publishers and Printers' Engraving Co	Clippingsdo	\$1.56 6.00
	20	Allen's Press Clipping Bureau	do	6.00
	23	The Publishers and Printage Engaging Co.	Enguarings	4.00
		do.	do	1.75
		do	do	1. 75 1. 75 5. 25 1. 25
	26	The Maurice Joyce Engraving Co	do	1.25
		Southern Printers' Supply Co	Electro	. 20
	27	Adams Express Co	Transportation	13. 55 19. 38
	28	E. A. Schwarz et al	Salaries	1,289,78
Mar	. 1	Peter Fireman	Translation	5.00 5.50
	13	Woodward & Lothrop	Pins	5.50
	14	E. J. Pullman	Slides	6.00
	15	W D Hunter	Salary	9.60 48.39
	15 18	do	Traveling expenses	48.39 70.13
		Peter Henderson & Co	Mushroom spawn	. 60
	0.1	Henry J. Green	Thermometers, etc	3.10
	21	D. N. Walford	Knives	8.00 3.00
	23	The Publishers and Printers' Engraving Co.	Engravings	9.21
	25	American Press Clipping Bureau	Clippings	1.50
		Mackall Bros	Alcohol	18.00
	30	do do The Maurice Joyce Engraving Co Southern Printers' Supply Co do Adams Express Co E. A. Schwarz et al Peter Fireman Woodward & Lothrop E. J. Pullman Houghton & Deiano. W. D. Hunter do Peter Henderson & Co Henry J. Green D. N. Walford B. F. T. Bell The Publishers and Printers' Engraving Co American Press Clipping Bureau Mackall Bros E. A. Schwarz et al	Salaries	1,443.20
		Total third quarter		5, 056. 25
Apr	. 1	Northern Pacific Ry. Co Occidental and Oriental S. Ship Co. Church & Stevenson Bausch & Lomb Optical Co Jno. C. Parker Southern Printers' Supply Co. Rudolph, West & Co Geo. C. Walker W. D. Hunter Henry A. Dreer, Inc.	Pessengen transportation	70.30
#Thr	. 1	Occidental and Oriental S Ship Co	Passenger transportation	200.00
	2	Church & Stevenson	do Lumber Microscope, etc.	47.60
	2 3	Bausch & Lomb Optical Co	Microscope, etc	64.85
	6	Jno. C. Parker	Transfer cases	1.50
	9	Rudolph Woot & Co	Electros	1. 47
	10	Geo. C. Walker	Spray pump	15.00
		W. D. Hunter	Electros Locks, etc Spray pump Service Seeds Insect pins Engravings Stides, etc Tubing and funnels Traveling expenses Clippings Nets, etc	51.61
	12	W. D. Hunter Henry A. Dreer, Inc. Queen & Co., Inc The Publishers and Printers' Engraving Co Bausch & Lomb Optical Co. Whitall, Tatum & Co.	Seeds	. 60
		The Publishers and Printers' Engraving Co.	Insect pins	4.00 14.00
	16	Bausch & Lomb Ontical Co	Slides etc	7. 61
	20	Whitall, Tatum & Co	Tubing and funnels	. 56
		Whitall, Tatum & Co W. D. Hunter American Press Clipping Bureau American Entomological Co. Mackall Bros M. V. Slingerland Houston and Texas Central R. R. Co United States Express Co Adams Express Co A. L. Montandon The Publishers and Printers' Engraving Co	Traveling expenses	. 56 76. 70
	17	American Press Clipping Bureau	Clippings	1.35
	19	Mackall Bros	Nets, etc Chloroform, etc Lantern slides	11.00 25.00
	20 22	M. V. Slingerland	Lantern slides	78.00
		Houston and Texas Central R. R. Co	Passenger transportation	3 60
	27	United States Express Co	Transportation	24.35
	29	Adams Express Co	TransportationdoSpecimens of insects	24.35 22.99 100.00
	₩0	The Publishers and Printers' Engraving Co.	Engraving	3.90
	30	E. A. Schwarz et al	Salaries	1.387.80
May	7 1	F. C. Pratt The Chesapeake and Potomac Telephone	Traveling expenses Telephone rent	24.45 6.25
	-3	The Chesapeake and Potomac Telephone Co.	Telephone rent	6.25
	6	Allen's Press Clipping Bureau	Clippings	6.00
	7	L. O. Howard	Clippings Traveling expenses Salary	34, 25
	9	L.O. Howard W. D. Hunter	Salary	34.25 98.90
	17	Rudolph, West & Co Church & Stephenson		2.10
		do de Stephenson	Lumber	35. 75
	20	The Publishers and Printers' Engraving	Lumber do Engravings	2. 10 35. 75 7. 09 24. 00
	23	Co. F. C. Pratt W. D. Hunter J. Manz Engraving Co do A. D. Hopkins Library Bureau Southern Rwy. Co. Geo. F. Muth & Co. Western Union Telegraph Co. do do do do do	Traveling expenses	18.65
	24	W.D. Hunter	Traveling expensesdo	128.50
		J. Manz Engraving Co	Engravings	43.00
		A D Honkins	Report	49.00 300.00
		Library Bureau	Guides, etc.	. 50
	27	Southern Rwy. Co	Passenger transportation	38, 80
	00	Geo. F. Muth & Co	Atomizer	3 00
	28	western Union Telegraph Co	Service	3.84
		do	do	3.84 5.72 1.21
		do	do	1.52
		do The Maurice Joyce Engraving Co Elphonzo Young	do	. 26
				. 50

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. ENTOMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Iay 31	E. A. Schwarz et al	Salaries	\$1,392.
une 3	American Press Clipping Bureau Missouri, Kansas and Texas Rwy. Co	Clippings	2.0
	Missouri, Kansas and Texas Rwy. Co	Passenger transportation	4. 6
	Houston and Texas Central R. R. Co Pennsylvania R. R. Co	do	7.9
7	Walter D. Hunter	Services	45.3 100.0
11	do	Traveling expenses	87.
	Gustav Eisen	Services	60.
13	A. N. Candell	Traveling expenses Photographic supplies	93.
	Houghton & Delano The Globe Wernicke Co	Photographic supplies	4. 4.
14	The Globe Wernicke Co	Indexes	4.
18	Jas. B. Lambie	Hardware	1.
21	American Press Clipping Bureau The Publishers and Printers' Engraving	Clippings Engraving	3. 25.
	Co.	0 0	
	do Western Union Telegraph Co	Services	1. 2.
24	E. Morrison Paper Co	Mailing tubes	1.
25	E. Morrison Paper Co Galveston, Harrisburg and San Antonio	Mailing tubes Passenger transportation	6.
			0
	New York, Texas and Mexican Rwy. Co San Antonio and Aransas Pass Rwy. Co	do	3. 3.
97	Mackall Bros	Carbon highlighate ate	4.
27 29	E. A. Schwartz et al	do Carbon bisulphate, etc Salaries	1,402.
	Total fourth quarter		6,310.
	Supplemental.		0,010.
der 0		Not oto	77
aly 2 5	Noyes Bros. & Cutler	Net, etc Transportation	7. 11.
8	Adams Express Co	Salary	100.
10	F H Chittenden	Traveling expenses	100. 21. 37.
16	Ernest Betz Northrup, King & Co Church & Stephenson Geo, F. Muth & Co	Making tank	37.
17	Northrup, King & Co	Spray	6. 30.
	Church & Stephenson	Lumber	30.
	Geo. F. Muth & Co	Gasoline, etc	2. 30.
	Budding, west & Co	Wire gauze, etc. Typewriter roller	ου. 1
	S. P. Johnson M. Du Perow A. N. Candall	Fan	1. 12. 91.
	A N Candall	Traveling expenses	91
18	Bausch & Lomb Optical Co	Traveling expenses	10.
19	Magkell Prog	Tin boxes, etc	28.
	Houghton & Delano B. F. T. Bell R. P. Clarke Co	Plates	5.
	B. F. T. Bell	Circles, etc.	6.
	R. P. Clarke Co	Muslin	2.
	Library Bureau United States Express Co	Book supports	19.
22	Rudolph, West & Co	Locks, etc	2. 3.
24	L. O. Howard	Expenses	2.
24 25 29	C. B. Simpson	Salary	53.
29	W. D. Hunter	Traveling expenses	53. 105.
ug. 2	W. D. Hunter The Colorado and Southern R. R. Co	Passenger transportation	3.
	San Antonio and Aransas Pass Rwy. Co	do	14.
	Denver and Rio Grande R. R. Co	do	16.
-	John C. Parker	Cases.	3. 4.
5	International and Great Northern R.R. Co.	Passenger transportation do	3.
21	The Texas Mexican Rwy. Co	Service	6.
24	C. B. Simpson	Traveling expenses	43.
28	C.B. Simpson American Press Clipping Bureau	Clippings	6.
et. 1	Jas. H. Thompson	Services	11.
	Jas. H. Thompson Lehigh Valley R. R. Co	Traveling expenses Clippings Services Passenger transportation	68.
	Total		774.

First quarter	\$4,000.23
Second quarter	4 619 00
Second quarter	5,010.00
Third quarter	5,000.20
Fourth quarter	6,310,14
Supplemental	774 76
Suppremental	111110
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Total _______21,310.3

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. VEGETABLE PATHOLOGICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1900.			
July 13	W. C. Nichols Erwin T. Smith et al	Labor and materials	\$89.7
31	Erwin T. Smith et al	Salaries	1,613.0
Aug. 1	Erwin T. Smith et al Jas. S. Topham Chicago House Wrecking Co Hermann von Schrenk Geo. W. Hutchinson Frank Dean Houghton & Delano. do Peter Henderson & Co E. Morrison Paper Co	Extension case	6.5
2	Unicago House Wrecking Co	Rooning	24. 50 50. 0
2	Geo W Hutchinson	Lahor	4.5
3	Frank Dean	Services	40.0
Ü	Houghton & Delano	Seed plates	4.9
10	do	Negative jackets	3.5
	Peter Henderson & Co	Glazing points	3.6
14	E. Morrison Paper Co	Sheets, etc	1. 2 4. 3
	do	Bags	4.3
	Magkall Prog	Boxes	1.8
	F W Rolgiano	Blood	11. 5
	Rudolph West & Co	Nails	.1
16	M. B. Waite	Traveling expenses	$36.\bar{5}$
	do	do	19.8
	do	Expenses	5.1
18	Newton B. Pierce	Salary	$168.5 \\ 5.2$
20 21	Chicago House Wrecking Co	Nails Traveling expenses do Expenses Salary Steel roofing	5.2
21	Washington Caslight Co	Lights	4.1
23	Peter Henderson & Co E. Morrison Paper Co do do do do Mackall Bros F. W. Bolgiano Rudolph, West & Co M. B. Waite do	Steel roofing Lights Gas Office expenses Traveling expenses Steel roofing Lumber Glass Traveling expenses Expenses Manure Baskets Hardware Salaries Salary	$\frac{1.6}{9.4}$
49	do.	Traveling expenses	6.3
	Chicago House Wrecking Co	Steel roofing	15. 7
25	Church & Stephenson	Lumber	215.8
	Hugh Reilly	Glass	204.0
29	Newton B. Pierce	Traveling expenses	48.5
	do	Expenses	3.1
	Jas. Frawley	Manure	4.5
	The Semential & Sen	Baskets	3.9 62.7
31	Frwin T Smith et al	Salarice	1, 449.3
Sept. 4	D. B. Swingle	Salary	19.3
5	Houghton & Delano	Seed plates	4.9
	do	Rubber tray	.8
	H.J. Webber	Seed plates Rubber tray Expenses	$\frac{.8}{25.0}$
	Jno. C. Moninger Co.	Material	133.3
6	B. F. Galloway	Traveling expenses	9.5
7	Poten Henderson & Co	Material Traveling expenses Salary Bulbs	$\frac{40.0}{21.0}$
	Rausch & Lomb Ontical Co	Lone etc	28.1
	Whithail Tatum & Co	Jars	9.1
8	H. J. Webber	Lens, etc Jars Traveling expenses Electric current Gas Graduates	55.6
12	United States Electric Lighting Co	Electric current	4.4
	Washington Gaslight Co	Gas	1.5
40	Z. D. Gilman	Graduates	50.0
13	Hermann von Schrenk	Salary	50.0
15 17	Houghton & Delano	Photographic paper	12. 0
14	F A Opposite	Ventilation expension	110.0
	Jas B Lambie	Nails	15, 8
	Arthur de Jaczewski	Specimens	5.7
	Jno. C. Parker	Pamphlet covers	5.7 28.0
	H.J. Webber	Traveling expenses	25.3
24	Z. D. Gilman Hermann von Schrenk Houghton & Delano The Durable Cement Post Co E. A. Ormsby Jas. B. Lambie Arthur de Jaczewski Jno. C. Parker H. J. Webber Library Bureau Thos Somerville & Sons Erwin F. Smith et al	Salary Photographic paper Fence posts and freight Ventilation apparatus Nails Specimens Pamphlet covers Traveling expenses Index cards Spray pump Salaries.	3. 2 4. 7
90	Thos. Somerville & Sons.	Spray pump	4.7
29	Erwin F. Smith et al	Salaries	1,498.1
	Total first quarter		6,231.4
Oct. 1	Mackell Bros	Ammonia water	9.0
Oct. 1	Mackall Bros M. A. Carleton	Salary	2.8 73.3
ĩ	Mackall Bros M. A. Carleton Frank Dean Hermann von Schrenk Pennsylvania R. R. Co The Chesapeake and Ohio Rwy. Co Southern Rwy. Co The Wabash R. R. Co Denver and Rio Grande R. R. Co Atlantic Coast Line R. R. Co Norfolk and Washington Steamboat Co. W. A. Orton do Newton B. Pierce Hermann von Schrenk do Z. D. Gilman Mackall Bros	do	40.0
5	Hermann von Schrenk	Traveling expenses	62.8
	Pennsylvania R. R. Co	Passenger transportation	17.0
	The Chesapeake and Ohio Rwy. Co	do	19.5
	Southern Rwy. Co	do	22.3
	Denvey and Rio Guanda P. D. Ca	do	10.5
	Atlantic Coast Line P. P. Co.	do	18.0 8.5
	Norfolk and Washington Steamhoot Co	do	8.0
8	W. A. Orton	Traveling expenses	83.3
U	do	Expenses	8.7 83.3 13.2 331.5
9	Newton B. Pierce	Salary	331.5
	Hermann von Schrenk	do	50.0
10	do	Traveling expenses	72.7
12			3.0

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
et. 16	Houghton & Delano United States Electric Lighting Co	Plates and films	\$5.5
	United States Electric Lighting Co	Electric current	4. (
	Washington Gaslight Co	Gas	2.4
20	Washington Gaslight Co. Rudolph, West & Co. Thos. W. Smith M. B, Waite	Hardware	28.6
23	M R Woite	Siding, etc	33. 3 99. 3
~0	Southern Rwy. Co do Chicago and Northwestern Rwy. Co Pennsylvania R. R. Co Illinois Central R. R. Co	Expenses	9.8
24	Southern Rwy. Co	Passenger transportation	18.8
	do	do	8.8
	Chicago and Northwestern Rwy. Co	do	9.8
	Pennsylvania R. R. Co	do	48.0
	Illinois Central R. R. Co	do	10.0
25	The Wabash R. R. Co	Solio paper	4.
26	Houghton & Delano Hermann von Schrenk	Expenses	6.9 15.3
30	Woodward & Lothrop	Sheeting	2.0
	Geo. F. Muth & Co.	Lead and putty	2.0 19.6
31	Geo. F. Muth & Co. Erwin F. Smith et al	Salaries	1,654.6
lov. 1	Marine Biological Laboratory	Use of table	100.0
0	Jennings Bros	Pipe fittings	80.3
2	Jennings Bros Chas, Dean Eimer & Amend	Labor	5.
	R. P. Clarke Co	Erythrosin Toweling	6.2
	R. P. Clarke Co J. Baumgarten & Sons The Chesapeake and Potomac Telephone Co Frank Dean	Rubber type	3.4
	The Chesapeake and Potomac Telephone Co	Rubber type	6.
3	Frank Dean	Salary	6. 2 40. 0
5	Houghton & Delano Northern Pacific Rwy. Co	Chloride gold Passenger transportation Orange trees Index cards	3.
6	Northern Pacific Rwy. Co	Passenger transportation	4.3
12	G. L. Taber Library Bureau Bausch & Lomb Optical Co Church & Stephenson	Orange trees	24.6
17	Payach & Lomb Ontical Co	Photographic graphics	2.4
	Church & Stophonson	Photographic suppliesLumber	6.1 235.1
	do	do	18.4
19	Houghton & Delano	Photographic supplies	9.2
20	Mackall Bros	Acids, etc	18.
	Mackall Bros Arthur de Jaczewski	Specimens	4.9
21	Church & Stephenson	Lumber	27.3
26 27	E. C. Rittne	Traveling expenses	7.4
21	United States Electric Lighting Co	Electric current	5.6
	Thos. Somerville & Sons. Washington Gaslight Co.	Repairing table	7.0
	Hugh Reilly	Glass	2. 2 44. 0
	Rudoinh West & Co	Screws and lock	2.6
30	Hugh Reilly Rudolph, West & Co Erwin F. Smith et al J. W. Killen	Salaries	$\frac{2.6}{1,543.5}$
ec. 3	J. W. Killen	Planting sweet potatoes	30.0
	A. Coren	Hauling Plate holder, etc	1. ā 12. ā
	Eimer & Amend	Plate holder, etc	12.8
	A. C. McClurg & Co.	Ledgers	1.8
	J. Manz Engraving Co Houghton & Delano	Engravings	30.0
	E' Morrison Paner Co	Paper, etc	1.7
5	Forsberg & Murray Northern Pacific Rwy. Co Pennsylvania Co Atlantic Coast Line R. R. Co Thos. Somerville & Sons	Grate bars, etc	42
3	Northern Pacific Rwy. Co	Passenger transportation	24.8
	Pennsylvania Co	do	42. 2 24. 3 17. 5 23. 2 224. 8
	Atlantic Coast Line R. R. Co	do	23.5
	Thos. Somerville & Sons	do	224.8
6	rank Dean	Salary	40.6 168.5
14	Newton B. Pierce	do	108.6
	do Herman von Schrenk	Traveling expenses	3.6 100.0
	The Friedenwald Co	Tiseno	12.0
	P. J. Kipp & Zouen	Tissue Microtome, etc	140.4
	Jno. C. Parker	Teas	
17	Louis Hopfenmaier.	Radiator	4.8 12.0
19	Herman von Schrenk The Friedenwald Co P. J. Kipp & Zouen Jno. C. Parker Louis Hopfenmaier M. A. Carleton United States Electric Lighting Co Washington Gaslight Co H. L. Galloway H. J. Webber	Radiator Expenses Electric lights	31.8
21	United States Electric Lighting Co	Electric lights	3. 5
	washington Gaslight Co	Rent and care of land	1.7
26	H. L. Galloway H. J. Webber	Traveling expenses	14.6 79.6
20 29	Jas. B. Lambie	Traveling expenses	1.6
100	do	Nails.	3.2
31	do E. F. Smith et al	Salaries	1,593.4
-	Total, second quarter	-	7,652.0
	•		
1901.	D	D	
n. 2	Pennsylvania R. R. Co	Passenger transportation	6.0
3 5	Whitall, Tatum & Co Frank Dean	Jars Salary	2.6 40.0

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Jan. 7	United States Express Co. Rudolph, West & Co. Mackall Bros Z. D. Gilman Chas Becker	Transportation	\$2.0
14	Machall Page	Screws, etc	1.10
	Z D Gilman	Chemicals Glass bottles Oil	7.0
	Chas. Becker	Oil	18.0
16	Chas Beter N. B. Pierce United States Electric Lighting Co Washington Gaslight Co Thos, Somerville & Sons	Expenses Electric current Gas Fittings, pipe, etc	146.7
	United States Electric Lighting Co	Electric current	3.7
	Washington Gaslight Co	Fittings pine eta	1.594.4
18	Frank Dean	Ritings, pipe, etc Salary Engraving Flasks Cylinder Gas connections Pipe etc	19.3
10	The Maurice Joyce Engraving Co	Engraving.	6.0
21	Whitall, Tatum & Co	Flasks	.7
00	Bausch & Lomb Optical Co	Cylinder	. 6
22	The Sementille & Sens	Pine etc	25. 0 24. 5
	do	Pripe, etc. Fittings. Traveling expenses Sulphuric acid Salarydo	. 9
23	Erwin F. Smith	Traveling expenses	28.6
29	Mackall Bros	Sulphuric acid	2. 4 163. 0
30	Newton B. Pierce	Salary	163.0
31	Envir E Smith et al	Salarias	168.5 1,598.8
Feb. 1	Thos. Somerville & Sons. Frank Dean. The Maurice Joyce Engraving Co. Whitall. Tatum & Co. Bausch & Lomb Optical Co. Washington Gaslight Co. Thos. Somerville & Sons. do Erwin F. Smith Mackall Bros. Newton B. Pierce. do Erwin F. Smith et al P. F. Van Everen. Houghton & Delano.	Salaries Library numbers Photographic supplies	1,000.0
2	Houghton & Delano	Photographic supplies	1.5 9.8
,	do	Solio paper Salary	7.4
5	Herman von Schrenk	Salary	100.0
6	Herman von Schrenk Seaboard Air Line Rwy. Co Charleston and Savannah Rwy. Co New York Central and Hudson River R.R.	Passenger transportation	22. 6 8. 6
	New York Central and Hudson River R R	do	9.4
	Co.		0. T
	Co. Michigan Central R. R. Co. Pennsylvania Co. Southern Rwy. Codo. Pennsylvania R. R. Co. H. C. Henrickson E. L. Brady & Co. Thos. W. Smith	do	2.4
	Pennsylvania Co	do	13. 5
	Southern Rwy. Co	do	19.9
	Panneylvania P. P. Co	do	3.8 8.7
7	H. C. Henrickson	Salary	20.6
11	E. L. Brady & Co	Fertilizer	19.6
	Thos. W. Smith	Lumber	19.6 13.7
12	Panach and Lamb Ontical Ca	do	197.8
1.2	E Morrison Panor Co	Covers Herbarium paper	3. 0 13. 5
	The Chesaneake and Potomac Telephone	Telephone rent	6.2
	Bausch and Lomb Optical Co. E. Morrison Paper Co. The Chesapeake and Potomac Telephone Co. Newton B. Pierce. do. do.	2 ctopicono i carritta	0.10
20	Newton B. Pierce	Traveling expenses	4.8
	00	Expenses	44.1
	do	Traveling expenses	44.3 18.4
	Newton B. Pierce	Traveling expenses Salary Transportation	18.4 172.2
21	Stephenson's Express	Transportation	1.9
23	Houghton & Delano	Chloride gold Plates Toning solution	2. 4 1. 2 1. 0
	00	Plates	1.2
	do do Newton B. Pierce Stephenson's Express Houghton & Delano do do do do do	Plates	1.0
	do	Solio paper	12.0
26	do Geo. F. Muth & Co. Thos. Somerville & Sons. Blue Line Transfer Co.	Forming Solution Plates Solio paper Turpentine Laboratory fittings Transportation Copy paper Electric current Gas	1.0
	Thos. Somerville & Sons	Laboratory fittings	4.7
	Blue Line Transfer Co E. Morrison Paper Co United States Electric Lighting Co. Washington Gaslight Co Chicago, Rock Island and Pacific Rwy. Co. Adams Express Co. Erwin F. Smith et al. H. C. Henrickson J. Manz Engraving Co. H. J. Webber E. Fireman Mackall Bros W. M. Whyte Mackall Bros Washington Gaslight Co. The Chesapeake and Potomac Telephone Co.	Transportation	8.2
	United States Electric Lighting Co	Electric current	4.0 2.8
	Washington Gaslight Co	Gas	1.7
27	Chicago, Rock Island and Pacific Rwy. Co.	Passenger transportation	6. 6 13. 3
-00	Adams Express Co.	Gas Passenger transportation Transportation Salaries	13.3
Mar. 5	H. C. Honnielson	Salaries	1, 451.8
Mar. 5	J. Manz Engraving Co	Salary Engraving Expenses Translating Chemicals	40.0 7.5
16	H. J. Webber	Expenses	4.5
18	E. Fireman	Translating	10.0
19	Mackall Bros	Chemicals Zinc labels	5. 9. 9. 0
21 25	W.M. Wnyte	Zinc labels	9.0
20	Washington Gaslight Co	Carbon, etc	1.7
	The Chesapeake and Potomac Telephone	Gas Moving telephone	7. 50 1. 70 2. 73
	Co.		
	United States Electric Lighting Co	Electric current	3.6
30	United States Electric Lighting Co H. J. Webber Erwin F. Smith et al	Expenses	2.2
90	Erwin F. Smith et al	Salaries	1,302.49
	Total, third quarter		6,045.4
			0,010.1
Apr. 1	Jno. C. Parker Grand Rapids and Indiana Rwy. Co		4, 5

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Apr. 4	Herman von Schrenk H. C. Henricksen M. B. Waite Library Bureau N. B. Pierce do Z. D. Gilman Thos. Somerville & Sons Mackall Bros United States Electric Lighting Co. Washington Gaslight Co Houghton & Delano J. E. Lumnus N. B. Pierce do	Salary	\$100.00
0	H. C. Henricksen	do Traveling expenses Index cards	40.00
9 12	M. B. Walte	Traveling expenses	4.30 3.20
16	N R Diorgo	Solony	179.90
10	do	Salarydo	172. 20 155. 60
	Z. D. Gilman	Cotton	1.20
	Thos. Somerville & Sons	Brackets, etc. Photos chloride Electric current	6.0
	Mackall Bros	Photos chloride	2.50
20	United States Electric Lighting Co	Electric current	4.2 1.20
	Washington Gaslight Co	Gas	1.2
	Houghton & Delano	Photographic supplies	13.0
97	J. E. Lumnus	Soap, etc	1.5
27	N.B.Piercedo	Traveling expenses	23. 60 163. 60
	United States Express Co	Transportation	14. 0
	American Express Co	do	18. 6
30	E F Smith et al	Salaries	1, 263. 1.
May 3	The Chesapeake and Potomac Telephone Co	Telephone rent	6.2
2003	do	do	4.1
	do United States Express Co. American Express Co. E. F. Smith et al The Chesapeake and Potomac Telephone Co. do. H. C. Henrickson W. A. Orton	Salary	40.0
4	W. A. Orton	Expenses	73.1
	do	Traveling expenses	46, 4
6	H. C. Henrickson W. A. Orton do Herman von Schrenk Frank T. Budge United States Electric Lighting Co Mackall Bros E. Morrison Paper Co Houghton & Delano Thos. Somerville & Sons Newton B. Pierce H. A. McComb Pennsylvania R. R. Co Church & Stephenson do Mackall Bros M. B. Waite M. A. Carleton E. F. Smith et al Washington Gaslight Co do do H. C. Henrickson H. von Schrenk do Z. D. Gilman H. von Schrenk J. B. Ellis Carl Zeiss M. B. Waite M. A. Waste	Electric current Gas Photographic supplies Soap, etc Traveling expenses Expenses Transportation do Salaries Telephone rent do Salary Expenses Traveling expenses Expenses Praveling expenses Expenses Plow etc Electric current Soda Paper	12.0 9.2
9	Frank T. Budge	Plow.etc	9.2
16	United States Electric Lighting Co	Electric current	4.5
	Hackall Bros	Bonon	2.8 8.0
	Houghton & Dolono	Photographia cumplies	50.1
17	Thos Somerville & Sons	A maratus	10.3
24	Newton B Pierce	Paper Photographic supplies Apparatus Salary Labor Passenger transportation	164.8
,,,	H. A. McComb	Labor	10.8
27	Pennsylvania R. R. Co	Passenger transportation	15.8
	Church & Stephenson	Lumber	7.2
	do	do	7. 2 8. 0
28	Mackall Bros	Acid, etc	19.4
29	M. B. Waite	Traveling expenses	11.4
01	M. A. Carleton	Passenger transportation. Lumber do do Acid, etc Traveling expenses do Salaries	11.4 17.5 $1,359.9$
31	E. F. Smith et al	Salaries	1, 359. 9
June 4	washington Gashght Co	Gas	2.3 1.2
	do	do	1.0
5	H.C. Henrickson	Salary	40.0
,	H. von Schrenk	do	100.0
11	do	Salary do Expenses do Blue pencils Traveling expenses Book Postera on objectives	7.7 16.4
	do	do	16.4
	Z. D. Gilman	Blue pencils	1.9
14	H. von Schrenk	Traveling expenses	34.6
	J. B. Ellis	Book	5.0
	Carl Zeiss M. B. Waite E. Morrison Paper Co. Whitall, Tatum & Co	Book Postage on objectives Traveling expenses Paste and ink Vials and jars Traveling expenses Passenger transportation do	7.8
15	E Morrison Paper Co	Pasta and ink	1.2
18	Whitall Tatum & Co	Vials and jars	$\overline{5}$. $\overline{6}$
	M. A. Carleton Grand Trunk Rwy. Co. Southern Rwy. Co. do.	Traveling expenses	29.6
25	Grand Trunk Rwy. Co	Passenger transportation	4.2
	Southern Rwy. Co	do	26.0
	do	Gas	5.2
OF	Houghton & Delano. United States Electric Lighting Co Washington Gaslight Co	Seed plates	4.2
27	United States Electric Lighting Co	Electric current	4.5
	dodo	da	2.2
	Mackell Proc	do	. 1 10. 0
	Mackall Bros Newton B. Pierce Erwin F. Smith et al	Salary	170.4
29	Erwin F. Smith et al	Salaries	1,347.5
	22 Will a Committee of the second		
	Total, fourth quarter		5,720.3
	Supplemental.		
[m] m 1	II C-ll-	G-1	FO. 0
uly 1	H. von Schrenk	Salary	50.0
5	Adama Express Co	Tronsportation	1.0
9	Library Ruraan	Salary Photographic paper Transportation Cards Salary Tools	1.5 12.2 2.9
11	H C Henrickson	Salary	40.0
13	J W Watson	Tools	6.1
10	H. VOI Schreik E. J. Pullman Adams Express Co Library Bureau H. C. Henrickson J. W. Watson Chase & Harney G. G. Hedgoock L. C. Arthur	Tools Tobacco dust Traveling expenses	$6.1 \\ 5.1$
16	G. G. Hedgcock	Traveling expenses.	11.5
17	J. C. Arthur	Specimens Salary Triplet	3.1
		0-1	101 0
18	N. B. Pierce Bausch & Lomb Optical Co	Salary	$\frac{164.8}{3.0}$

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1901.	Supplemental Continuou.		
July 19	H. von Schrenk	Expenses	\$36.05
	Houghton & Delano	Photographic supplies	9.35
	United States Electric Lighting Co	Electric current	3.68
	Washington Gasilght Co	Gas	1.70
20	E. Morrison Paper Co	Bags	12.08
	J. W. Vestal	Sweet potato plants	2.50
22	E. J. Pullman		7.00
	Stark Bros. Nurseries and Orchard Co	do	42.15
94	Stark Bros. Nurseries and Orchard Co		24. 00 3. 85
24 25	Woodward & Lothrop	Boiler	27.25
20	N. B. Pierce	Traveling expenses	172.50
	F. W. Faurot	Expenses	27.80
29	C. P. Hartley	do	53.90
140	do	Expenses	3, 60
30	J. C. Parker		10. 50
Aug. 2	R. W. Pow	Expressage	1.50
arug. N	R. C. Ballantyne	Tags	9.86
	Southern Rwy. Co.	Passenger transportation	10, 40
	do	do	10, 40
	do		10, 40
	do		5.20
	do	do	10.60
	do		10.05
6	Sheetz & Bishop	Camera, etc	66.20
10	C. R. Edmonston		. 51
	W.B. Moses & Sons	Coolers	4. 25
21	The Chesapeake and Potomac Telephone Co.	Services	12.50
	do	do	1.00
Sept. 21	F. W. Faurot		5.50
_	W. A. Orton	do	49.56
Oct. 4	Cincinnatiand Muskingum Valley R. R. Co.	Passenger transportation	1.45
	The Lake Shore and Michigan Southern	do	17.50
	Rwy. Co.	3-	0.00
	The Pittsburg, Cincinnati, Chicago and St.	ao	2.80
5	Louis Rwy. Co. Southern Rwy. Co.	do	E 00
9	The Chesapeake and Ohio Rwy. Co	do	5.20 14.00
	Baltimore and Ohio Rwy. Co	do	12.75
	Total		997.87
	RECAPITULA	TION.	
First qu	arter		\$6,231.46
Second o	quarterquarter		7,652.09
	iarter		6,045.48
Fourth (quarter		5,720.39

First quarter	\$6,231.46
Second quarter	7, 652, 09
Third quarter	6,045,48
Fourth quarter	5, 720, 39
Supplemental	997.87
oupple months and a second sec	001101
Total	90 017 90
Total	20,011.29

RENT OF BUILDING.

Date.	Name.	Nature of payment.	Total.
1900. Aug. 14 Sept. 5	Jno. F. Shea	Rentdo	\$55.00 55.00
Oct. 20	Total first quarter Jno. F. Shea do	Rent	110.00 55.00 55.00
Dec. 6	dodo	do	55.00 165.00
1901. Jan. 7 Feb. 2 Mar. 2	Jno. F. Shea do	do	55.00 55.00 55.00
	Total third quarter		165.00

RENT OF BUILDING-Continued.

Date.	Name.	Nature of payment.	Total.
1901. Apr. 3 May 2 June 11	Jno. F. Sheadodo	do	\$55.00 55.00 55.00
July 17	Supplemental. Jno. F. Shea	Rent	55.00

BIOLOGICAL INVESTIGATIONS.

1900.			
July 10	Sheetz & Bishop	Photo supplies	\$47.89
17	Wm. Wagner	Shells, etc	11.64
19	Sheetz & Bishop	Kodak, etc	22.00
24	W. P. Melville	Birds' stomachs	7.10
0.1	W. W. Worthington		5.00
31	E. A. Goldman	Salary	117.90
	E. W. Nelson		151.60
	W. H. Osgood et al	Salaries	471.70
Aug. 1	F. P. May & Co	Iron cans	1.50
	Vernon Bailey	Salary	168.50
7	W.H.Osgood	Traveling expenses	120.80
8	E. C. Gill. jr	Birds' stomachs	6.00
10	W. W. Worthington	do	8.39
	A. H. Verrill	Photos, birds and mammals	2.50
•	Houghton & Delano	Solio paper	10.30
11	do	Cramer crown plates	7.08
11	W. K. Fisher	Salary	100.00
	Whitall, Tatum & Co	Shell vials and corks	22.09
	E. R. Warren H. E. Wilder	Photos, birds and mammals	4.50
14	Charte & Dichar	Birds' stomachs	1.43 10.20
14	Sheetz & Bishop	Developing plates	5, 40
	Houghton & Delano	Crown plates, etc	7 05
	Mackall Bros Z. D. Gilman	Cotton batting Scissors, etc	7.95 7.30
16	Vernon Bailev	Traveling expenses	60.00
20	Hudson Bay Co	Passenger transportation, etc.	300.00
23	Allen Brooks	Mammals and birds	17.60
24	Jno. C. Parker	Record books	7. 20
~1	Harry C. Oberholser	Traveling expenses	57, 03
25	Andrew B. Graham	Photolithographing	37.50
	Harry C. Oberholser	Traveling expenses	134.97
	F. P. May & Co	Mouse traps	63, 60
31	W. H. Osgood et al.	Salaries	387, 50
Sept. 1	E. A. Goldman	Salary	117.90
4	Vernon Bailey		168.50
	E. W. Nelson		151.60
	W. K. Fisher.	do	100.00
5	Houghton & Delano		7.10
	C. D. Gilbert	Birds' stomachs	1.50
7	W. W. Worthington	do	2.00
12 17	F. P. May & Co	Steel traps	15.00
	Jas. B. Lambie	Excelsior, etc	1.93
- 18-	The Hudson Bay Co	Passenger transportation, etc	300,00
19	Ralph G. Johnson	Mammals	6.90
	Sheetz & Bishop	Developing plates	1.80
29	W. H. Osgood et al	Salaries	375.00
	m + 10 + 1	·	0.000.10
	Total first quarter		3, 633. 40
0.1.7	TIT II IT TO S	0.1	100.00
Oct. 1	Walter K. Fisher		100.00
	E. A. Goldman		114.20
	Vernon Bailey		163, 00 146, 80
9	E. W. Nelson		27.00
$\frac{2}{4}$	J. Manz Engraving Co. The Publishers and Printers Engraving Co.	Views Engraving	29.03
5	The Atchison, Topeka and Santa Fe Rwy.		23.35
3	Co.	Passenger transportation	WO. 00
8	C. Hart Merriam	Traveling expenses	390, 25
0	do	Expenses	32.33
10	Walter K. Fisher	Traveling expenses	33. 15
12	Vernon Bailey	dodo	90.00
1,2	Z. D. Gilman		7.50

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. BIOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Oct. 12	Mackall Bros	Arsenic Negative albums Supplies and subsistence fur-	\$3.2
16	Sheetz & Bishop The Hudson Bay Co	Supplies and subsistence fun	4.00 451.79
10	The fludson bay Co	nished.	491.73
23	Edward A. Preble.	Traveling expenses	31.80
	do	Expenses	2. 78 46. 1
	do	Expenses	46. 13
	do	dodo	40.00 45.00
	Allan Brooks Ft. Worth and Denver City Rwy. Co Santa Fe Pacific R. R. Co. W. H. Osgood do do W. H. Osgood et al.	Mammals Passenger transportation do Traveling expenses do Salaries	24.50
24	Ft. Worth and Denver City Rwy. Co	Passenger transportation	38.13
	Santa Fe Pacific R. R. Co	do	51.50
26	W. H. Osgood	Traveling expenses	80. 90
91	W II 01 -4-1	Colonica	85.50
Nov. 1	W. H. Osgood et al E. W. Nelson E. A. Goldman	Salary	387.50 151.60
1101. 1	E. A. Goldman	Salarydo	151.60 117.90
	Vernon Bailey The Folmer & Schwing Manufacturing Co- The Chesapeake and Potomac Telephone	do Photo supplies Telephone service	168.50
	The Folmer & Schwing Manufacturing Co.	Photo supplies	21.04
2	The Chesapeake and Potomac Telephone	Telephone service	6.25
3	Co.	Films	10.50
12	W. E. Snyder	Films Birds' stomachs Photo plates	18.30
15	J. K. Hillers	Photo plates	8. 74 5. 50
17	Sheetz & Bishop	Negative albums	
19	Houghton & Delano	Photo supplies	12.05
23 28	Harry Hoskinson W. E. Snyder J. K. Hillers. Sheetz & Bishop Houghton & Delano Walter K. Fisher C. Hart Merriam T. S. Palmer	Traveling expenses	38. 00 33. 50
20	C. Hart Merriam T. S. Palmer do W. H. Osgood et al E. W. Nelson Vernon Bailey E. A. Goldman Outram Bangs	Negative aloums Photo supplies Photos Traveling expenses do do Salaries	9.60
	do	do	23.45
30	W. H. Osgood et al	Salaries	375.00
Dec. 1	E. W. Nelson	Salary	146. 80
	Vernon Bailey.	do	163.00
3	Outram Bangs	Mammals	114.20 25.10
5	E. A. Goldman Outram Bangs Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Baltimore and Ohio R. R. Co.	Salary Salary do O Mammals Passenger transportation	16.00
	Louis Rwy. Co.	2	
	Baltimore and Ohio R. R. Co	do	17.50
7	W. H. Osgood	Trovoling ovnonces	77.10 149.60
10	do	do do	49.55
10	A. K. Fisher	do	24 75
11	The Maurice Joyce Engraving Co	Engraving	22 14
14	W. E. Snyder	Birds' stomachs	2.00 57.50
17	Wookell Proc	do do Traveling expenses do do Engraving Birds stomachs Mammals	97.50
14	Z. D. Gilman	Rubber stoppers	3.00 .97
26	F. P. May & Co	Rat traps	6.00
31	Baltimore and Ohio R. R. Co. Great Northern Rwy. Co. W. H. Osgood do. A. K. Fisher. The Maurice Joyce Engraving Co. W. E. Snyder F. W. Nelson Mackall Bros Z. D. Gilman F. P. May & Co. Alfred R. Dotin et al.	Potassium nitrate	6.00 387.50
	Motel accord amountain		
	Total second quarter		4,712.04
1901.			
Jan. 2	E. W. Nelson	Salary	151.60
	E. W. Nelson Vernon Bailey Alaska Commercial Co E. A. Goldman A. G. Maddren Byron Stowell United States Express Co Houghton & Delano E. Morrison Paper Co T. S. Palmer Sheetz & Bishop E. C. Gill, jr E. Morrison Paper Co N. R. Streeter & Co J. M. Hayes Mackall Bros Otto Holstein	Satary do Transportation Salary Skulls do	168. 50 9. 75
9	E A Goldman	Transportation	9.75
3 5	A. G. Maddren	Skulls	117.90
",	Byron Stowell.	do	9.00 2.50
7	United States Express Co	Transportation Photo supplies Ink Transportation over the supplies	21.65
14	Houghton & Delano	Photo supplies	17.70
10	E. Morrison Paper Co	lnk.	1.00
16 19	Sheetz & Richon	Traveling expenses. Photo supplies Birds' stomachs Strawboard	10.10 68.80
10	E. C. Gill, ir	Birds' stomachs	4.95
22	E. Morrison Paper Co.	Strawboard	4.62
24	N. R. Streeter & Co	Mouse trap	8.00
29	J. M. Hayes	Mammal	10.00
30	Otto Holstein	Rinds' stomache	6.44
31	A. R. Doten et al	Salaries	1.85 396.00
Feb. 1	E. A. Goldman	Salary	120.60
	Otto Holstein A. R. Doten et al E. A. Goldman E. W. Nelson	do	155.00
	Vernon Bailey	do	172.20
5	Vernon Bailey Witmer Stone C. J. Crandall & Co	Mammals	20.25
	P. R. Peahody	Strawboard Monse trap Mammal Alum, etc Birds' stomachs Salaries Salary do do Mammals Photos Negatives Passenger transportation do do	6. 15 7. 00
6	P. B. Peabody Union Pacific R. R. Co. Northern Pacific Rwy. Co. Baltimore and Ohio R. R. Co.	Passenger transportation	30.25
		- accounger or anapor tation	90.20
1	Northern Pacific Rwy. Co	do	5. 20

BIOLOGICAL INVESTIGATIONS—Continued.

Dat	te.	Name.	Nature of payment.	Total
	_		,	
190: eb.		Witmon Stone	7.5	0.40
D.	12	Witmer Stone- Rochester Optical and Camera Co	Mammals	\$43.
	714	Dill & Colling	Repairs to camera	2.
		Dill & Collins The Chesapeake and Potomac Telephone	PaperTelephone rent	100.
		Co.	relephone rent	0.
	19	Albert T. Ganier	Birds' stomachs	2.
		Chas. M. Barber	Mammals	2.
	20	T. S. Palmer Houghton & Delano	Traveling expenses	15.
	23	Houghton & Delano	Photo supplies	6.
		Houghton & Delano Thora Steineger The Maurice Joyce Engraving Co Rudolph, West & Co Adams Express Co Venuer Relies	Salary Engraving Paste brushes Transportation	40.
	26	The Maurice Joyce Engraving Co	Engraving	2. 2. 31.
		Rudolph, West & Co	Paste brushes	2.
	27	Adams Express Co.	Transportation	31.
	28	Vernon Bailey	Salary Engravings	155.
		The Publishers and Printers' Engraving	Engravings	11.
		Co.	Q 1 1	
	-	A. R. Doten et al	Salaries	380. 19.
ır.	1	Houghton & Delano	Films	19.
		T.S. Palmer	Traveling expenses	8.
		E. W. Nelson	Salarydo	140.
	9	E. A. Goldman The Folmer & Schwing Manufacturing Co-	Plate holder	108. 13.
	$\frac{2}{12}$	Jno. Cairnes	Mammals	13
	13	Fred A. Schmidt	Steel tapes	9
	14	Rudolph West & Co	Card holder	9.
	1.7	Rudolph, West & Co The Geo. W. Knox Express Co.	Card holder Transportation	3
	15	J. Manz Engraving Co	Engraving	5.
	18	Peter Schmid	Mammals	9.
	20	W. E. Snyder	Birds' stomachs	2
		do	do	4.
		H. H. Dunn	do	î
		E.R. Warren	Photos	5
	20	T. S. Palmer	Traveling expenses	4
	21	J. K. Hillers	Developing plates Birds' stomachs	10
		H. H. Dunn	Birds' stomachs	3
	23 27	Whitall, Tatum & Co Walter K. Fisher	Vials, etc	9
	27	Walter K. Fisher	Mammals	. 25
		Beasley & Parr W.E. Clyde Todd	Birds' stomachs	4
	29	W. E. Clyde Todd	Birds' stomachs	6.
	30	A. R. Doten et al	Salaries	499
		Total third quarter	=	3,238
pr.	1.	E. A. Goldman	Salary	120.
		E. W. Nelson	do	155
		Vernon Bailey Pennsylvania R. R. Co	Passenger transportation	172
		Pennsylvania R. R. Co	Passenger transportation	10
		Southern Pacific Co	do	3
	0	do		5
	3 10	H. H. Dunn	Birds' stomachs	3 29
	10	H. C. Oberholser The J. C. Ergood Co	Traveling expenses Soapine	29
		Rudolph, West & Co	Wire	ĩ
		Z. D. Gilman	Court-plaster	
		Jno. C. Parker	File book	1
	12	Louis Fuertes	File book Drawings of birds	120
		Louis Fuertes The Publishers and Printers' Engraving	Engraving	12
		Co.		
		Peter Schmid	Mammals Birds' stomachs	8
		E D A1	Birds' stomachs	2
		E. P. Alexander		6
		Jas. Dawson	Mammals	
	16	Jas. Dawson J. Manz Engraving Co	Mammals Engravings	20
		Jas. Dawson J. Manz Engraving Co Mackall Bros	Arsenic	20 3
	17	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex Gow	Arsenic	$\begin{array}{c} 20 \\ 3 \\ 1 \end{array}$
		Jas. Dawson J. Manz Engraving Co Mackall Bros Alex Gow	Arsenic	20 3 1 29
	17 19	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex Gow	Arsenic	20 3 1 29 4
	17	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex Gow	Arsenic	20 3 1 29 4 5
	17 19 20	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co	Arsenic Birds' stomachs Skins and skulls. Birds' stomachs Plates and paper Traps	20 3 1 29 4 5
	17 19	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs	20 3 1 29 4 5 18
	17 19 20	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper	20 3 1 29 4 5 18 3
	17 19 20	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop	Arsenic Birds' stomachs Skins and skulls. Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films	20 3 1 29 4 5 18 3 10 46
	17 19 20 24	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop Colburn Lockwood Co	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films Tanning mammals	20 3 1 29 4 5 18 3 10 46
	17 19 20	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop. Colburn Lockwood Co United States Express Co	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films Tanning mammals Transportation	20 3 1 29 4 5 18 3 10 46 16 32
	17 19 20 24 27	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington. Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop. Colburn Lockwood Co United States Express Co Adams Express Co	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films Tanning mammals Transportation do	20 3 1 29 4 5 18 3 10 46 16 32
	17 19 20 24	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop Colburn Lockwood Co United States Express Co Adams Express Co F. A. Lockhart	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films Tanning mammals Transportation do Photos	20 3 1 29 4 5 18 3 10 46 16 32
	17 19 20 24 27 29	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop Colburn Lockwood Co United States Express Co Adams Express Co F. A. Lockhart Peter Schmid Will. C. Colt	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films Tanning mammals Transportationdo	20 3 1 29 4 5 18 3 10 4 4 6 46 46 46 32 14 30 3 1
	17 19 20 24 27	Jas. Dawson J. Manz Engraving Co Mackall Bros Alex. Gow G. F. Dippie W. W. Worthington Houghton & Delano F. P. May & Co H. H. Dunn Wyckoff, Seamans & Benedict Sheetz & Bishop Colburn Lockwood Co United States Express Co Adams Express Co F. A. Lockhart	Arsenic Birds' stomachs Skins and skulls Birds' stomachs Plates and paper Traps Birds' stomachs Letter paper Films Tanning mammals Transportationdo	20 3 1 29 4 5 18 3

BIOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
May 1	Jas. S. Topham	Leather handles	\$0.7
	E. A. Goldman	Salary	115.4
3	E. A. Goldman E. W. Nelson The Chesapeake and Potomac Telephone	Telephone rent	148.3 6.2
6	Co. Jas. B. Monroe	Mammals	3.0
0	Jas. Dawson	do	3.0
	W. J. Yeager	do	1.5
8	Western Union Telegraph Co	do Telegraph service do	5. 4 2. 4
16	Hononton & Delano		17.7
1.50	Z. D. Gilman Rudolph, West & Co H. C. Oberholser	Flax tow, etc Wire, etc Traveling expenses	12.2
17 20	H. C. Oborbolcon	Wire, etc.	1.8 172.7
24	A L. Rolton	Mammals	5. (
	E. R. Warren	Mammals Photo prints	1.5
27	E. R. Warren Bausch & Lomb Optical Co	Slides	1.5
27	The Chesapeake and Ohio Rwy.Co	Passenger transportation Albums, etc.	44.
	Wm Wagner	Cartridges	15. 4 5. 0
28	Western Union Telegraph Co	Service	5. 1
	Wm. Wagner Western Union Telegraph Co	Servicedo	3.6
		do	2.7
	do Sylvester D. Judd	do Traveling expenses Salaries	10.5
31	A. R. Doten et al	Salaries	518.8
June 1	A K. Doten et al. Vernon Bailey Defender Photo Supply Co W. E. Snyder Mackey & Dippie E. A. Goldman E. W. Nelson H. C. Oberholser	Salaries Salary Photo paper Birds' stomachs Mammal specimens Salary do Traveling expenses Birds' stomachs Mouse traps Yeedles etc	518.8 170.
3	Defender Photo Supply Co	Photo paper	2.4
	W. E. Snyder	Birds' stomachs	8.9 24.8
	E. A. Goldman	Salary	119.
	E. W. Nelson	do	153.
5	H. C. Oberholser	Traveling expenses	60.
11	H. H. Dunn	Birds' stomachs	3.0
11	Z D Gilman	Needles etc	46.
13	H. C. Oberholser H. H. Dunn F. P. May & Co Z. D. Gilman Houghton & Delano Rudolph, West & Co W. W. Worthington Doremus Manufacturing Co. F. F. I. Real	Needles, etc. Photographic supplies Wire Birds' stonnachs	10.3
14	Rudolph, West & Co	Wire	8.7
14 15	W. W. Worthington	Steelyard	6, 8 10. 0
21	F. E. L. Beal	Traveling expenses	43.
	Western Union Telegraph Co. S. H. Lyman Wyckoff, Seamans & Benedict	Service	8.0
28	S. H. Lyman	Birds' stomachs	ā. (
28 29	A. R. Doten et al.	Birds' stomachs Repairs to typewriter Salaries	503.
	Total fourth quarter		3,880.9
	Supplemental.	:	
Inla 1		G-1	115
July 1	E. A. Goldman	Salary	115.4 148.8
	Vernon Bailey	do	164.8
_	E. A. Goldman E. W. Nelson Vernon Bailey	Salarydodododo	- 70
5	W. E. Snyder	Birds' stomachs Transportation Photos	7.
8	A. H. Verrill	Photos	7. 27. 4. 3
8 9	F. E. L. Beal	Traveling expenses	54.9
12 17	Vernon Bailey Houghton & Delano. H. C. Oberholzer United States Express Co	Traveling expenses	100.
17	Houghton & Delano	Plates	2. 52.
19	United States Express Co	Transportation	92. 8 34. 8
29	Z. D. Gilman	Plates Traveling expenses Transportation Scissors	1.
	Z.D. Gilman Howard Lacy Thos. H. Hambright Jno. C. Parker	Mammalsdo	1. 13.
Aug. 2	Ino. C. Porkor	Conne etc	6. 10.
	E. Morrison Paper Co	Scrapbooks	4.
	E. Morrison Paper Co Galveston, Harrisburg and San Antonio	Passenger transportation	8.1
12	Rwy Co	Transportation	9.
21	The Geo. W. Knox Express Co. The Chesapeake and Potomac Telephone	Transportation Service	6.
29	Co. The American Distributing Co	Alcohol	24.
Oct. 5	The American Distributing Co-Florida East Coast R. R. Co-Florida East R. R. R. Co-Florida East R. R. R. Co-Florida East R. R. R. C	Passenger transportation	20.6
000.		Service	2.
Oct. 5 12	Postal Telegraph Cable Co	Service	~

RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter Sourth quarter	4,712.04 3,238.94 3,880.94
Supplemetal	

POMOLOGICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1000			-
1900. July 31	W. P. Corsa et al.	Salaries	\$670.69
Aug. 14	E. J. Pullman	Chemical supplies	1.62
17	Wm. A. Taylor	Traveling expenses	35.00
29 31	do	Salaries	33.80 823.40
Sept. 5	Houghton & Delano	Plates	3.51
_	Rochester Optical and Camera Co	Developer	1.00
24 29	Rochester Optical and Camera Co W. P. Corsa et al	Repairs to camera	. 95 803. 20
	Total first quarter		2, 373.17
Oct. 25	Houghton & Delano	Plates	2.34
30	Geo. F. Muth & Co.	Wax, wire, etc	2.75
1	Richard L. Lamb	Stamp rack	. 65
Nov. 23	W. P. Corsa et al.	Salaries	771.79
NOV. 25	E. Morrison Paper Co Houghton & Delano	Herbarium paper Seed plates, etc	$9.00 \\ 2.56$
30	W. P. Corsa et al.	Salaries	703.20
Dec. 5 8	Pennsylvania R. R. Co	Passenger transportation	6.50
8 17	Wm. A. Tabor	Traveling expenses	51.18
18	Mackall Bros Library Bureau	Hyposulp.soda Cards	. 40 12. 20
31	Wm. P. Corsa et al	Salaries	723.40
	Total second quarter		2,285.97
1001	·		
1901. Jan. 31	W. P. Corsa et al	Salaries	732, 20
Feb. 2	Houghton & Delano.	Plates, etc	2.88
5	Cheshire Manufacturing Co	Tree labels	6.38
6	The Chicago, Burlington and Quincy R. R.	Passenger transportation	7.25
	Co. Lehigh Valley R. R. Co	do	7.00
1	Lehigh Valley R. R. Co	do	6.60
	New York Central and Hudson River R. R.	do	. 97
1	Co. Michigan Central R. R. Co	do	11.82
	The Missouri Pacific Rwy. Co	do	27.75
12	Library Bureau Whitall, Tatum & Co	Çards	12.50
13 18	Whitall, Tatum & Co	Jars	10.92 1.52
23	S.P. Johnson Houghton & Delano	CylinderSolio prints	2.08
23 26	Geo. F. Muth & Co.	Plaster	2,75
O.W.	E. Morrison Paper Co	Cards	2.40
27 28	Adams Express Co	Transportation Salaries	11.62 645.20
Mar. 18	The Publishers and Printers Engraving	Illustrations	38.39
30	Co. W. P. Corsa et al.	Salaries	664.90
	Total third quarter		2,200.11
Apr. 1	Jno. C. Parker	Wax paper	4.50
4	W.P. Corsa	Traveling expenses	5.00
22 27	W.P. Corsa Pennsylvania R. R. Co	Passenger transportation	9.70
27	United States Express Co	Transportation	5.62
. 30	Adams Express Co	Salaries	13.32 640.60
May 3	W. P. Corsa et al. The Chesapeake and Potomac Telephone Co- W. P. Corsa et al.	Telephone rent	6.25
31	W.P. Corsa et al.	Salaries	6.25 658.80
June 12	do	Traveling expenses. Passenger transportation	12.87 4.85
25 29	Pennsylvania R. R. Co W. P. Corsa	Salaries	640.60

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. POMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. July 9 16 Aug. 2 12 Oct. 4	Supplemental. Alex. Schmid W. A. Taylor Geo. C. Husman Library Bureau Pennsylvania R. R. Co H. von Lutticham The Chesapeake and Potomac Telephone Co- Seaboard Air Line Rwy. Co do Total	Traveling expenses Index cards Passenger transportation Expenses Services Passenger transportation do	\$29, 00 2, 25 23, 50 40, 00 15, 35 116, 95 6, 25 15, 85 24, 90 274, 05

RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter Supplemental	2, 285, 97 2, 200, 11 2, 002, 11
Total	9, 155, 41

LABORATORY.

Da	te.	Name.	Nature of payment.	Total.
190				
July		E. G. Runyon et al		\$572.80
Aug.	. 31	D. V. Groesbeck et al.		146.98
Sept		E. G. Runyon et al Frederick Carl		572.80 2.00
ьери	. 7	J. G. Taylor & Sons		45,00
	•	Eimer & Amend	Tube	7.50
	12	United States Electric Lighting Co	Electric current	15. 12
	1.4	Washington Gas Light Co		. 40
	29	A. W. Bache et al	Salaries	130, 25
		E. G. Runyon et al	do	554.40
		Total first quarter		2,047.25
Oct.	2	M. DuPerow	Fan	10.50
		Woodruff Manufacturing Co	Parts of record case	88.52
	10	John T. Springmann, jr., & Bro	Grate bars	3.72
	16	Washington Gas Light Co	Gas	4.00
	30	M. Silverberg & Co E. Morrison Paper Co	Gilt molding	. 75 . 25
		United States Electric Lighting Co	Labels Electric current	9, 48
		E. Morrison Paper Co.	Index cards	10.20
	31	Lillie Ryon et al	Salaries	143, 68
	0.	E. G. Runyan et al	do	575, 80
Nov.	. 2	R. P. Clarke Co	Toweling	10.28
		Geo. F. Muth & Co	Lanterns, etc	2.02
	3	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	14	The Witt Cornice Co	Cans	6,00
	17	Mackall Bros	Chemicals	138, 64
		M. DuPerow	Electric supplies	6.35
	20	M. Schuster	Repairs	. 35
	20	R. P. Clarke Co	Sheeting	2.00
	22	Williams, Brown & Earle	Magnifier	. 73
	23	E. Morrison Paper Co	Cardboard	1.86
	27	Houghton & Delano Z. D. Gilman	Photo supplies	. 90 21, 45
	141	The Geo. W. Knox Express Co	Potash, etc Transportation	. 28
		United States Electric Lighting Co	Electric current	9.87
		Barber & Ross	Tank	19.50
	27	National Electric Supply Co	Button plate	2.30
		Thos. Somerville & Sons	Repairs to press	1.30
		S. Kann Sons & Co	Cotton	. 25
		Washington Gas Light Co	Gas	9.90
	00	Rudolph, West & Co	Tin tapeline, etc	9.87
	30	Emil Schlichting et al	Salaries	148.00
Dec.	3	E. G. Runyan et al Library Bureau	Condo	446.20
Dec.	9	Emil Grenier	Cards	38. 98 13. 50
	1	min or onior	DIE HAHUKUI CHICI, CC	10.00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd·LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Dec. 3	The Burnet Co Church & Stephenson Forsburg & Murray Jno. C. Parker Arthur C. Davis Mackall Bros 7	Batteries	\$3.90
1.1	Church & Stephenson	Lumber	8, 41 31, 36
11	Ino C Porker	Writes for penall pointer	31.36
14 15	Arthur C Davis	Cumber Grates Knives for pencil pointer Setting up machinery Chemicals Pipettes Apparatus Hardware Card attachment Transportation	. 65 18. 00
17	Mackall Bros	Chemicals	65. 19
	Z. D. Gilman	Pipettes	40.69
	Z. D. Gilman do Rudolph, West & Co Wagner Typewriter Co Stephenson's Express Bates Manufacturing Co The Okonite Co., Ltd H. C. Roberts Electric Supply Co.	Apparatus	7. 96 9. 77 4. 50
	Rudolph, West & Co	Hardware	9.77
10	Wagner Typewriter Co	Card attachment	4.50
19	Stephenson's Express	D	3, 67
20	The Oberite Co. Ltd.	Repairing machine, etc	1.75 1.75
	H. C. Roberts Electric Supply Co	Rottories	1. 16
	do	do	4.80
	The Chesapeake Electric Co	Kepairing machine, etc. Wire Batteries do Salammoniac Brick foundation	. 70
	Arthur C. Davis	Brick foundation	. 70 7. 00
21	U. S. Electric Lighting Co	Electric lights	10 29
22	Washington Gas Light Co	Gas	11.70
26	F.P. May & Co	Dowels	
29	The Chesapeake Electric Co. Arthur C. Davis. U.S. Electric Lighting Co. Washington Gas Light Co. F.P. May & Co. Lighting Co.	Electric lights. Gas	19.00
29			12. 97 17. 38 25. 78 127. 35
	do Church & Stephenson Emil Schlichting et al. E. G. Runyan et al.	Lumber	25 78
31	Emil Schlichting et al	Salaries	127. 35
0.2	E. G. Runvan et al	do	454.90
		-	
	Total second quarter		2,614.73
7004			
1901.	C11- 0- M:11-	75 7.1 6 7 4 4	045 00
Jan. 3	Whitel Tetum & Co	Machines for road testing	345.00
	Rouseh & Lomb Ontical Co	Condengare	70.46 19.20
4	Eimer & Amend	Rurettes	6.00
	Clark & Mills Whital, Tatum & Co Bausch & Lomb Optical Co Eimer & Amend	Beakers, etc. Condensers Burettes Pipettes	6.00 7.50
	do		12.60
	do		12.65
	dododo United States Express Co Jas. B. Lambie Hugh Reilly Chas. R. Edmonston The W. W. Biggs' Heating and Ventilating Co.	Repairing, etc Burettes Transportation	12. 65 24. 00 2. 53
7	United States Express Co	Transportation	2.53
14	Jas. B. Lambie	Hardware	16.59
	Hugh Relly	Hardware Glass Stone jars Valves	6. 93 2. 70
	The W W Piggs: Heating and Ventilet	Volves	3.50
	The W.W.Bigs' Heating and Ventilating Co. The Smith-Premier Typewriter Co M. DuPerow. Rudolph, West & Co Mackall Bros. Z. D. Gilman The Witt Cornice Co	v aives	5.50
	The Smith-Premier Typewriter Co	T	6.50
	M. DuPerow.	Repairs to typewriter Buzzers, etc Locks, etc Chemicals Clamps Garbage cans Gas Electric current Transportation	1.60
	Rudolph, West & Co	Locks, etc	2.52
	Mackall Bros	Chemicals	19.60 15.55
	Z. D. Gilman	Clamps	15.55
16	The Witt Cornice Co Washington Gas Light Co United States Electric Lighting Co The Geo. W. Knox Express Co	Garbage cans	6.00
	Washington Gas Light Co	Electric current	9.60
	The Goo W Kney Eypress Co	Trengagnetation	10.35
	do	do	. 25 1. 75
18	do	Brick foundation	12,00
20	Jno. C. Parker	Indexes, etc.	12.00 7.17 23.40
19	Kuttroff, Pickhardt & Co	Coal-tar colors	23. 40
	Manhattan Electric Supply Co	Wire Pipettes, etc Tubes, etc Thermometers	1.25 30.25
21	Eimer & Amend	Pipettes, etc	30.25
	do	Tubes, etc	6.20
	do	Thermometers	4.00
	do Whitall, Tatum & Co Library Bureau Clark & Mills	Flasks	3.90 22.80 35.80 165.00
	Wintall, Tatum & Co	Guidea	22.80
	Clark & Mills	Bricket machine	165.00
22	National Electric Supply Co	Bushing	160.00
	National Electric Supply Co	Pipe, etc	$\frac{.46}{54.80}$
24	W.S. Jenks	Pans	2,40
	Hugh Reilly	Glass	2.40 11.99 1.50
26	F. P. May & Co	Food chopper	1.50
	W. S. Jenks Hugh Reilly F. P. May & Co M. Shughrue Eimer & Amend W. B. Moses & Sons Forsberg & Murray Hugh Reilly Mackall Bros A. W. Bache et al E. G. Runyan et al Whitall, Tatum & Co do	Beakers Guides Bricket machine Bushing Pipe, etc Pans Glass Food chopper Repairs to tank Flasks Oileloth Fitting machinery Glass Chemicals Salaries do	4.00 7.50
00	Eimer & Amend	Flasks	7.50
29	W. B. Moses & Sons	Ulicioth	. 75 2, 50
200	Forsberg & Murray	Class machinery	
30	Maghall Page	Chamicals	1.08 73.64
91	A W Pacho et al	Salarios	118.00
31	E G Runyan et al	Salariesdo	608.90
	12. O. Ivunyali Coal	Flasks Jars	11. 48 6. 16
Feb. 1	Whitall Tatum & Co	HIGGIG	

LABORATORY-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Feb. 1	The Spring Torsion Balance Co	Scale	\$23.5
5	Eimer & Amend do Capital City Motor Co Dulin & Martin Co Frederick Carl	Spirits and weights	13. 0 2. 2
	do	Glass tube, etc. Hangers and pulleys	2.2
8	Capital City Motor Co	Hangers and pulleys	11.5 14.2
0	Frederick Carl	Renairing halance	5. 0
11		Filter and jar Repairing balance Mantle and chimney	3. 2
		Electric lamp	5.0
12	M. Du Perow Barber & Ross. The Chesapeakeand Potomac Telephone Co- Stephenson's Express Co Hugh Reilly Church & Stephenson do Louis Hartin	Pliers, etc	3.0
21	The Chesapeake and Potomac Telephone Co.	Transportation	6.2
26	Hugh Roilly	Glass	4. ½ 1. 7
~~	Church & Stephenson	Glass Lumber	3. 9
	do	do	. 4
		Catches and tacks	1.2
	Rudolph, West & Co United States Electric Lighting Co	Catches and tacks	20. 7
	Washington Coa Light Co	Good Control C	10.6
27	Washington Gas Light Co. Adams Express Co. Library Bureau Merck & Co.	Gas	20. 2
27 28	Library Bureau	Cards	3.0
	Merck & Co	Chemicals Gauze China dishes	. 9
	Bausch & Lomb Optical Co	Gauze	3, 6
	R. H. Macy & Co.	China dishes	3. 5 1. 0
	A W Rache et al	Bushing Salaries	87.0
	Merck & Co. Bausch & Lomb Optical Co. R. H. Macv & Co. National Electrical Supply Co. A. W. Bache et al E. G. Runyan et al. Thos. Somer ville & Sons.	do	544.9
far. 1	Thos. Somerville & Sons	Plugs, etc	544. 2 24. 3 79. 5
		Filter paper, etc. Chemicals Hardware	79.5
5	Mackall Bros James B. Lambie	Chemicals	32.2
	James B. Lambie		32.2 18.4 7.5 3.6
14	do Rudolph, West & Co	Hose etc	3 6
18	Z. D. Gilman	Glass, spoons, etc.	1.3
	Bausch & Lomb Optical Co	Glass funnels	2.0
	Whital. Tatum & Co	Beakers	2. 0 27. 4
19 21	Chas. W. Butler	Repairing locks and keys.	6. t
21	Church & Stephenson	Lumber	7.9 .4
23	Z. D. Gilman Bausch & Lomb Optical Co Whital Tatum & Co Chas. W. Butler Church & Stephensondodo Eimer & Amend	Chemicals	9 9
~0	Crosby Steam Gage and Valve Co	Chemicals Fittings for laboratory Chemicals	2.2 7.8 87.5
25	Crosby Steam Gage and Valve Co Mackall Bros	Chemicals	87.5
	Hugh Reilly	Glass	3.7
	Hugh Reilly Washington Gaslight Co United States Electric Lighting Co	Gas Electric current	15.0
30	A W Rocke	Salary	22.8 30.0
90	A. W. Bache E. G. Runyan et al	Salaries	610.9
		200	
	Total third quarter	[]	3,608.8
Apr. 2	The Warren W. Biggs Heating and Ven-	Thermometers	2.0
	tilating Co.	21	0
3	Oueon & Co. incomposeted	Sheeting Selenite films	.8
10	R. P. Clarke Co Queen & Co., incorporated. Jas. B. Lambie Rudolph, West & Co R. P. Clarke Co	Hardware	1.5 2.7
	Rudolph. West & Co	Hardware Locks	. 7
	Rudolph, west & Co R. P. Clarke Co Z. D. Gilman Eimer & Amend The Zanesville Stoneware Co Bausch & Lomb Optical Co Library Bureau M. Du Perow Barber & Ross	Toweling Bottles, etc Paints	12.5
10	Z. D. Gilman	Bottles, etc	46.4
12	The Zapasvilla Stapawara Co		10.
16	Bausch & Lomb Ontical Co	Covers and rings Cylinders Metric rules Electric supplies	12. 4 25. 1
10	Library Bureau	Metric rules	1.1
	M. Du Perow	Electric supplies	11.4
17	Barber & Ross	The	7. 7 23. 2
18 19	The American Distributing Co	Alcohol	23. 2
20	D Frank Parker	Typowniton nibbons	1.8
20	Jno C Parker	Filters Typewriter ribbons Fountain pen	3. 5
	Baroer & Ross The American Distributing Co. The Baker & Adamson Chemical Co. D. Frank Parker Jno. C. Parker Mackall Bros		11.9
	United States Electric Lighting Co	Chemicals Electric current	19.8
92	United States Electric Lighting Co Washington Gaslight Co Thos. Somerville & Sons Adams Express Co Adams - Ada	Gas	13. 7
22 27	Thos. Somerville & Sons	Laboratory fittings Transportation	59. 9
30	A W Rache		9. 7 30. 0
90	A. W. Bache E. G. Runyan et al B. P. Murray		669.4
Iay 1	B. P. Murray	Gas	6.6
-		Photographic hydrometer	4
2	The Okonite Co., limited	Salaries Salaries Gas Photographic hydrometer Wire	7.0
			19 6
3	The Okonite Co., limited United States Express Co The Catler-Hammer Manufacturing Co Whitall, Tatum & Co	Transportation Coils for rheostat	13.6

LABORATORY-Continued.

Date.	Name.	Nature of payment.	Total.
1901. May 13	F. W. Huddleson	Hellebore	\$0.40
16	Anderson & Howison Jas. S. Topham United States Electric Lighting Co Mackall Bros The Chesapeake and Potomac Telephone	Moving engine	10.00 1.75 18.73 68.98 6.25
17 20 24 27	Co. Z. D. Gilman Rudolph, West & Co The Kny-Scheerer Co. Whitall, Tatum & Co. Bausch & Lomb Optical Co. Church & Stephenson	Rubber tubing Brushes Desiccators, etc Beakers Brushes Lumber	34.91 1.10 13.51 14.89 3.00 4.16
June 14 15 21	E. G. Runyan et al A. W. Bache J. T. Walker Sons Arthur Given A. A. Winfield	Salaries Salary Lime Services Yeast	586. 80 30. 00 .75 5. 27 1. 00
28 29	Church & Stephenson The Smith Premier Typewriter Co Lewis Schultz Geo. F. Muth & Co E. G. Runyan et al	Buckwheat Brushes Salaries	5.00 1.00 .91 795.00
	Total fourth quarter		2,607.72
July 19 Aug. 12 19	United States Electric Lighting Co The Geo. W. Knox Express Co Geo. F. Muth & Co E. Morrison Paper Co.	Putz pomade	8.24 10.80 .60 12.25
Sept. 21	Jno. C. Parker Mackall Bros	Binding cases	10.64 2.43
	Total		44.96

RECAPITULATION.

First quarter		\$2,047.25
Cocond anomto		2 614 73
Third quarter	Γ	3,608.81
Fourth quarte	r	2,607.72
Supplemental		44.96
io arp production		
m-4-1	•	10 923 47

LABORATORY.

[Appropriation for 1900-1901.]

Date.	Name.	Nature of payment.	Total.
1900. July 28 Aug. 3	Geo. A. Shehan M. Du Perow Mackall Bros Wagner Typewriter Co	Rotary fans Chemicals Typewriter	\$5, 91 20, 50 13, 21 62, 50
25	Mackall Bros Rudolph, West & Co Z. D. Gilman do do	do Hardware Rubber tubing, etc. Crucibles, etc. Beef juice	5. 78 2. 05 94. 38 157. 58 33. 59
29	Church & Stephenson F. P. May & Co J. L. Mathy Z. D. Gilman United States Electric Lighting Co Washington Gaslight Co	Lumber Dowel sticks Altering vegetable pots Sesame oil, etc Electric current Gas	53.09 .30 6.00 .90 8.65 2.80 5.15
Sent. 5	D. Frank Parker. Thos. Somerville & Sons. M. Du Perow E. S. West. C. Engels Sons. W. G. Sargent	Valves, etc	6.77 10.50 43.96 5.30 1.20

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Sept. 5	C. Becker	Weights	\$10.20
7	Library Bureau The J. C. Ergood Co	Index cards Sugar	12.40 1.56
	Z. D. Gilman	Bottles and tilbes	104.95
	Eimer & Amend do Bausch & Lomb Optical Co Rudolph, West & Co H. O. Wilbur J. H. Bunnell & Co	Condensers Flasks, etc	36.00
	Bausch & Lomb Ontical Co	Funnels, etc	30. 45 58. 00
12	Rudolph, West & Co	Lock, rope, etc Asbestos covering, etc	11.47
15 17	H. O. Wilbur J. H. Bunnell & Co	Asbestos covering, etc	7.00 .22
17	Chas R Edmonston	Kettles	1.20
	Jas. B. Lambie Mittay & Volger	Hinges Carbon paper	. 37
18	Mittay & Volger	Carbon paper	. 80
	Total first quarter		814.74
Oct. 2	Hugh Reilly	Glass	1.25
4	The Pandelph Paner Roy Co	Pamphlet cases	24.00 22.50
10	Woodward & Lothrop	Sheeting, etc	8.90
12	Mackall Bros	Sheeting, etcEther, etc	81.03
16	Hugh Kelip Library Bureau The Randolph Paper Box Co Woodward & Lothrop Mackall Bros Roethlisberger & Gerber Meyer & Lange A. L. Reynolds	Samples cheesedododo	1.21
	A. L. Reynolds	do	. 88
	do	do	. 88
	A. L. Reynolds D. C. Reynolds & Co. Roethlisberger & Gerber Rudolph, West & Co. Z. D. Gilman Thos. Somerville & Sons	do	. 90 2. 13
	Rudolph, West & Co	Wire	. 25
	Z.D.Gilman	Funnels	57.60
20 29 30	In a C Danielan	Pans, etc	13.46
30	Jno. C. Parker National Electrical Supply Co	Wire	5, 80 . 70
	Sho C. Parker National Electrical Supply Co. Church & Stephenson Barber & Ross J. T. Walker Sons E. Morrison Paper Co. Z. D. Gilman	Lumber	39.90
	Barber & Ross	Card holder	2.25
	E. Morrison Paper Co	Stamp rack	. 75 1. 25
	Z. D. Gilman	Stamp rack Bottles, corks, etc	9.60
Nov. 1	The American Distributing Co	Filters Alcohol Flasks	7. 60 45. 50
2	The American Distributing Co Eimer & Amend	Flasks	7,00
17 17	Mackall Bros	Chemicalsdo	132.53 21.50
97	Z. D. Gilman	Filters	21.50 13.30
Dec. 17	Jas. B. Lambie	Iron	1.65
20	Jas. B. Lambie Library Bureau	Iron Records case	55.00
	Total second quarter		560, 28
1901.	mi A o oi oo Distoit ti G	.1 1 1	20.74
Jan. 3	The American Distributing Co Eimer & Amend	Alcohol	23.14 4.00
7	S. Galle & Co W. S. Jenks	Pippettes Cheese	19.60
14	W. S. Jenks		3.00
16 21 26	The Keasbey & Mattison Co. Bausch & Lomb Optical Co. Eimer & Amend	Pipe covering	7.03 29.40
26	Eimer & Amend	Balance	22.62
29	Jas. B. Lambie	Hooks and eyes	. 35
	Total third quarter		109.14
Apr. 3	Bausch & Lomb Optical Co	Dishes, etc.	110.88
12	Menier	Food samples. Wall-paper samples Cheese Butter	. 36
	Gregory & Brown & Co	Wall-paper samples	5.00 1.58
	A. L. Reynolds Haggerty Bros. & Co.	Butter	6.60
June 4	U. Sorensen	Cocoa	.50
June 4 27	C. Sorensen Washington Gaslight Co United States Electric Lighting Co Washington Gaslight Co	Gas Electric current Gas	15.60 14.59 13.80
	Total fourth quarter		168. 91
	Supplemental.		
July 2	Jas. B. Lambie	Belting	7.77
	Jas. B. Lambie Thos. Somerville & Sonsdo	Belting Pipes, traps, etc. Cement, etc.	7.77 5.24
	do	Cement, etc	12.01
5	Warren M. Whyte Wm. H. Dyer Adams Express Co	Pulleys Transportation	3.00

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1901. July 8 9 13 17 10 Aug. 26 1 16 19 21 22 Sept. 13	Supplemental—Continued. Mackall Bros Fred. A. Schmidt R. P. Clarke Co Warren M. Whyte Rudolph West & Co Church & Stephenson J. Dujardin Washington Gaslight Co J. P. Nawrath Z. D. Gilman M. du Perow Stephenson's Express Jas. B. Lambie Chesapeake and Potomac Telephone Co Whitall, Tatum & Co The Smith Premier Typewriter Co. Thos. Sommerville & Sons.	Beakers Repairs to typewriters Brass rings	\$1.50 6.08 12.50 1.60 9.53 2.40 50.29 9.40 7.00 1.10 3.47 6.10 6.25 35.49 1.00 2.63
First qu	RECAPITULA arter		\$814.74
Third que Fourth	quarter larter quarter nental		109.14
To	tal		1,925.91

Date.	Name.	Nature of payment.	Total.
1900. Aug. 21 Sept. 24	J. Harrison Johnson & Sondo	Rentdo	\$208.33 208.33
	Total first quarter		416.66
Oct. 25 Nov. 15 Dec. 26	J. Harrison Johnson & Sondodo	do	208.33 208.33 208.33
	Total second quarter		624. 99
1901. Jan. 17 Feb. 11 Mar. 18	J. Harrison Johnson & Sondodo	do	208. 33 208. 33 208. 33
	Total third quarter		624.99
Apr. 9 May 10 June 11	J. Harrison Johnson & Sondodo	Rentdododo	208.33 208.33 208.33
	Total fourth quarter		624.99
	Supplemental.		
Aug. 19	J. Harrison Johnson & Son	Rent	208.33
	Total		2,499.96
	, , , , , , , , , , , , , , , , , , , ,	,	

ADULTERATION OF FOOD AND INVESTIGATION OF SOILS.

Aug. 1	Whitall, Tatum & Co. G. E. Patrick et al E. Morrison Paper Co. J. L. Mathy. S. Kann, Sons & Co.	Salaries Bags Tin cans	982. 61 97 9. 00
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ADULTERATION OF FOOD AND INVESTIGATION OF SOILS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Aug. 31 Sept. 27	Geo. E. Patrick et al	Salaries Traveling expenses	\$866.40
Sept.27	W. D. Biglow	Expenses	86. 45 36. 42
29	do	Expenses Salaries	851.20
	Total first quarter	-	2,857.29
0 . 10	·		0.77
Oct. 12	Maryland Agricultural Experiment Sta- tions.	Wheat	2.55
31	G. E. Patrick et al	Salaries	861.22
Nov. 2 13	Emile Dubois	Salary	100.00 476.00
14	W. B. Alwood	Salary do Salary and expenses Salaries	190.00
30	Geo. E. Patrick et al	Salaries	811.44 193.00
Dec. 6	W. B. Alwood	Services	193.00
17	Houghton & Delano	Preservatives, etc	19.30 5.24
31	W. B. Alwood Geo. E. Patrick et al W. B. Alwood Z. D. Gilman Houghton & Delano G. E. Patrick et al	Photo supplies Salaries	807.30
	Total second quarter		3, 466. 05
1901.		=	
Jan. 7	United States Express Co	Transportation	1.05
12 14	F Mall Chass	Services Hydrochinon, etc	7.83 3.35
16	E. McK. Chace Houghton & Delano. E. McK. Chace The Geo. W. Knox Express Co. W. B. Alwood do	Traveling expenses	8.20
	The Geo. W. Knox Express Co	Transportation	1.10
18	W. B. Alwood	Expenses	6.51
	do	do	15. 29 10. 37
	do	dodododododo	21.10
	do	do	35. 42 101. 33
	do	Salary Traveling expenses	101.33 39.66
	do	Salary	193.00
19	W. D. Biglow Bauseh & Lomb Optical Co	Expenses Crucible tongs	74.98
21 26	Bausch & Lomb Optical Co	Crucible tongs	22.50 24.98
19 21 26 29 31	W. D. Biglow Jas. B. Lambie Chas. C. Moore, jr., et al W. B. Alwood	Expenses Bolts, etc Salaries	1.81
	Chas. C. Moore, jr., et al	Salaries	809.60
Feb. 21	W. B. Alwood	Salary	193.00 21.09
27	Adams Express Co	Traveling expenses	5.26
	Adams Express Co. Emile Dubois	TransportationTraveling expenses	98.36
28	Cha C Magazin et al	Expenses Salaries Negatives Traveling expenses	7.76
Mar. 2	E. S. Wertz	Negatives	744.31 7.45
Mar. 2 27	Chas. C. Moore, jr	Traveling expenses	7. 45 7. 00
30	E.S. Wertz	Negatives Salaries	61.09
90	chas. C. Moore, jr., et al E. S. Wertz Chas. C. Moore, jr E. S. Wertz Chas. C. Moore, jr.		720.00
	Total third quarter		3,243.30
Apr. 2	W. B. Alwood	Expenses	40.71
	dodo	Traveling expenses Salary	33.30 271.16
16	G. E. Patrick do	Traveling expenses	2.89
99	Southorn Prov. Co.	Expenses	4.67
22 27	Southern Rwy. Co United States Express Co	Passenger transportation Transportation	15. 20 12. 9
	Adams Express Co Chas. C. Moore, jr., et al	do	12.93 17.11
May 4	Chas. C. Moore, jr., et al		641.08
May 4	Chas. C. Moore, Jr., et al W. D. Biglow Chas. C. Moore, Jr M. S. Tidd et al The Geo. W. Knox Express Co.	Expensesdo	5.30 37.68
31	M. S. Tidd et al	Salaries	37.65 701.26
June 14	The Geo. W. Knox Express Co	Salaries Transportation	9.66
21	Eimer & Amend	Crucibles, etc	67. 88 3. 81
	The American Distributing Co.	Alcohol	22.62
00	Emil Greiner	Tubes	10.45
28 29	Line Geo. W. Allox Express Co. Z. D. Gilman Eimer & Amend The American Distributing Co. Emil Greiner Dulin & Martin Co. M. S. Tidd et al	Beakers, etc. Alcohol Tubes Knife, etc. Salaries	547.40
	Total fourth quarter		2,445.60
	Supplemental.		
July 5	Adams Express Co	Transportation	. 85
8	Mackall Bros	Chemicals	223. 85 5. 40
8	Mackall Bros F. E. Singleton	Chemicals Capsules	22

ADULTERATION OF FOOD AND INVESTIGATION OF SOILS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. July 9 13 16 19 24 25 Aug. 1	Supplemental—Continued. H. E. Roberts Electric Supply Co Mackall Bros Christian Becker Mackall Bros Standard Oil Co Chas, C. Moore, jr Doremus Manufacturing Co C. A. Muddiman & Co Whitall, Tatum & Co W. D. Biglow M. A. Schovell L. G. Carpenter C. S. Plumb E. W. Hilgard H. J. Waters	Chemicals Weights Chloroform, etc Gasoline Expenses Lacquering polariscope Hose attachments Flasks Expenses Expenses Experiments on gluten of wheat do do do do	\$4. 80 42. 00 32. 40 38. 20 4. 00 13. 20 2. 40 35. 47 19. 25 50. 00 50. 00 50. 00 50. 00
2 3 9 19 Oct. 30 0 10 11	H. J. Patterson Church & Stephenson Z. D. Gilman Thos. Somerville & Sons. Jas. B. Lambie Rudolph, West & Co F. P. May & Co W. B. Alwood The Holtz & Freystedt Co. Bausch & Lomb Optical Co The Geo. W. Knox Express Co. do Total	Lumber Filters, etc Vise Can opener, etc Zinc Drug mill Transportation Sausage Condensers Transportation do	50.00 4.25 108.22 1.75 2.85 1.65 12.50 7.91 1.52 29.40 6.02 3.49

RECAPITULATION.

· ·	
First quarter	\$2,857,29
Second quarter	3, 466, 05
Third quarter	3, 243, 30
Fourth quarter	2.445.60
Supplemental	904, 88
o approximation	

Total _______ 12,917.12

FORESTRY INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1900.			
July 14	Thos. C. Carson	Traveling expenses	\$10.50
23	Kinsley Twining, jr	do	11.45
26	J. W. Toumey	do	39.75
31	Geo. B. Sudworth et al		1, 181.50
Aug. 9	W. W. Everett		25.30
10	Houghton & Delano	Burnishers	186.90
	do	Rolls, films, etc	89.40
11	Wm. James, jr C. C. Manning	Services	25.30
	C. C. Manning	do	25.30
	W. E. Tracv	do	25.30
	A. R. Powers	do	25. 30
	L. W. Symmes	do	25.30
	A. L. Hyde	do	25.30 25.30
	H. T. Van Dyke	do	25. 50 84. 20
	Geo. L. Clothier	ao	191.10
	G. F. Schwarz	do	60.60
	F. E. Olmsted	do	
	J. H. Nicholl	00	25, 30
3	J. D. Ireland	do	25. 30 25. 30
	B. C. Rumsay, jr Geo. A. Morison	do	25.30
	W D Hairson	do	25.30
	Wm. P. Haines E. M. Griffith	do	126.40
	Wm. L. Hall	do	101.10
	C. S. Crandall	do	168.50
			25.30
	Harry J. Tompkins T. L. Duncan	dodo	25.30
	T. L. Duncan	do	21, 20
1	P. S. Riggs Geo. E. Clement	do	25, 30
	Eugene S. Bruce	do	126.40
	G. W. Parsons	u	25, 30

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. FORESTRY INVESTIGATIONS—Continued.

ate.	Name.	Nature of payment.	Total.
900.	H. Hus R. B. Rutter E. O. Wooten G. W. Eddy Norman G. Lind R. D. Swales Smith Riley F. H. Danker W. J. Gardner Ralph S. Hosmer R. E. Benedict Kinsley Twining, jr E. C. Greene F. Carter, jr A. F. Hawes Thos. H. Sherrard H. S. Meekham C. R. Pettis Jno. Foley H. L. Fairchild Anson E. Cohoon W. H. B. Kent Hiram Hurlburt C. Du Bois J. Z. Henley E. T. Allen T. P. Lukens Hugh McC. Curran H. B. Kempton Gordon W. Baker O. W. Price Wm. C. Hodge, jr Edwd. Ingraham T. S. Woolsey, jr Filibert Roth Chas. Mohr W. W. Clarke R. T. Fisher Alex Brown W. B. Moses & Sons P. P. Courles Co.		
g. 11	H. Hus	Services	\$25. 25.
	R.B. Rutter	do	25.
	E.O. Wooten	00	151.
	Norman G Lind	do	151. 25. 25.
	R D Swales	do	25. 50, 5. 23.
	Smith Riley	do	50.
	F. H. Danker	do	5.
	W. J. Gardner	do	23.
	Ralph S. Hosmer	do	101.
	R. E. Benedict	do	25. 101. 25. 25. 25. 25.
	Kinsley Twining, Jr	do	20. 25
	E.C. Greene	do	25 25
	A P Hawas	do	
	Thos. H. Sherrard	do	84. 42. 25.
	H. S. Meekham	do	42.
	C. R. Pettis	do	25.
	Jno. Foley	do	60
	H. L. Fairchild	do	25. 25. 25. 25.
	Anson E. Cohoon	do	25.
	W.H.B.Kent	00	25.
	C. Dy Pois	do	20.
	T Z Hanlay	do	25. 25.
	E T Allen	do	81
	T. P. Lukens	do	84. 25. 25.
	Hugh McC. Curran	do	25
	H. B. Kempton	do	25.
	Gordon W. Baker	do	15.
	O. W. Price	do	84 25
	Wm. C. Hodge, jr	do	25.
	Edwd. Ingranam	do	25.
	Filibort Poth	do	25 168
	Chas Mohr	do	196
	W W Clarke	do	126. 12.
	B. T. Fisher	do	60.
	Alex. Brown	do	25
14	W. B. Moses & Sons R. P. Clarke Co Houghton & Delano	Ice chest	9
	R. P. Clarke Co	Flannel	6 40
	Houghton & Delano	Kodaks	40
10	H. H. Brown	Paper Expenses Traveling expenses	1
16	W. W. Clark	Expenses	35 39
	H. H. Brown E. T. Allen W. W. Clark H. J. Tompkins W. C. Hodge Jas. D. Ireland	do	35
	W.C. Hodge	dodo	24
	Jas. D. Ireland	Services	3
	H. B. Kemptondododo	Expenses	2 2
	do	do	2
	do	do	4 8
	do do do	do	9
	do	do	12 14
	do.	do	22
	do	do	94
	do C. R. Pettis.	dodo	35
	Chas. S. Chapman G. Fred. Schwarz do L. H. Pammel E. O. Wooten R. T. Fisher E. M. Griffith	Services Expenses	. 25
17	G. Fred. Schwarz	Expenses	59
	do	do Traveling expenses Expenses	47
	L. H. Pammel	Traveling expenses	28
	R T Fisher	Trovoling ownerses	99
	E. M. Griffith	do do	196 82
	do	Office expenses	185
18	W. L. Hall	Traveling expenses	130
	E. M. Griffith do W. L. Hall E. T. Allen F. E. Olmsted Queen & Co., incorporated J. W. Toumey Wm. D. Sterrett Jno. W. Perry C. G. Pearce	Traveling expenses do Office expenses Traveling expenses do	112
	F. E. Olmsted	do:-	185 130 112 172
20 22	Queen & Co., incorporated	Magnifiers, etc. Salary	63
22	J. W. Toumey	Salary	
	wm. D. Sterrett	do	25 17 25 27
	C.C. Donnes	do	17
	John Foloy	Traveling expenses	25
	W C Lodge	Solony	21 T*
31	Geo. B. Sudworth et al	Salaries	1, 127 83
t. 4	C. G. Pearce John Foley W. C. Lodge. Geo. B. Sudworth et al O. W. Price Henry S. Graves do	Traveling expenses	83
	Henry S. Graves	do	60
		17	6

$Expenditures \ of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901 - {\tt Cont'd.}$

ate.	Name.	Nature of payment.	Total
900.			
ot. 4	Filibert Roth	Traveling expenses	\$196 39
5	T. P. Lukens	Expenses Traveling expenses	38
	do	Traveling expenses	
	H. B. Kempton C. R. Pettis Geo. L. Clothier	:do	25 17 62 80
	Gog I. Clothion	do	17
			80
	R. T. Fisher Wm. Walter W. L. Hall	do	197
	Wm. Walter	Camera case	197 20 101 101
	W. L. Hall	Salary	101
	G. F. Schwarz Geo. L. Clothier E. T. Allen R. T. Fisher	do	101
	Geo. L. Clothier	do	09
	E. T. Allen	00	84 60
	R. T. Fisher	do	
	Z. I. Rlice	do	50 50
	L. C. Miller Z. L. Bliss C. D. Burson	do	50
	Leonard Bronson	do	50
	Wilson Peck	do	50
	L. H. Pammel	do	50
	Jno. E. Keach	do	50
	H. S. Mukham	do	42 28 18
	C. D. Burson Wilson Peck L. H. Pammel Jno. E. Keach H. S. Mukham F. N. Nevins G. W. Parsons Wm. E. Tracy H. Hus G. W. Eddy A. L. Hyde W. D. Sterrett F. McC. Curran F. Carter, jr E. C. Greene A. F. Hawes G. E. Clement Henry S. Graves Coert DuBois Filibert Roth Chas. Mohr E. S. Bruce	do	28
	Wm F Treer	do	18
	H Hns	do	18
	G. W. Eddy	do	18 18
	A. L. Hvde	do	18
	W.D.Sterrett	do	25
	F. McC. Curran	do	18 25 25
	F. Carter, jr	do	9.5
	E. C. Greene	do	25 25 25 25
	A. F. Hawes	0D	26
	Honny S. Graves	do	26
	Coert DuRois	do	25 25 168
	Filibert Roth	do	168
	Chas. Mohr	do	120
	E. S. Bruce	do	196
	J. G. Jack	do	303
	W. H. B. Kent	do	25
	T. L. Duncan	do	308 25 25 25 25
10.0	R D Sweles	do	25
	H. B. Kempton	do	25
	Chas, Mohr E. S. Bruce J. G. Jack W. H. B. Kent T. L. Duncan Wm. James, jr R. D. Swales H. B. Kempton W. C. Hodge, jr J. Z. Henley A. E. Cohoon C. G. Pearce	do	25
	J. Z. Henley	do	25
	A. E. Cohoon	do	25
	C. G. Pearce T. S. Woolsey, jr T. P. Lukens	do	25
	T. S. Woolsey, Jr.	do	25 25
	C. S. Chenman	do	20
	W.J. Gardner	do	25 25 25
	J. W. Toumey	do	25
6	T. P. Lukens C. S. Chapman W. J. Gardner J. W. Toumey H. L. Fairchild C. S. Crandall W. P. Haines	do	25 168 25
	C. S. Crandall	do	168
	W.P. Haines	do	25
	W. H. Halles E. M. Griffith Gordon M. Barker T. F. Borst Chas, E. Bessey	do	126 3 50
	Gordon M. Barker	do	5
	T. F. Borst	do	50 50
1	Ino W Clark	do	50
	Wm F Fox	do	50 50
	Thos. C. Carson	do	50
	W. W. Clark	do	25
	Chas. E. Bessey Jno. W. Clark Wm. F. Fox Thos. C. Carson W. W. Clark Smith Riley Kingsley Twining, jr C. R. Pettis Thos. H. Sherrard R. S. Hosmer Wm. L. Bray C. C. Manning F. E. Olimsted H. J. Tompkins Jno. Foley P. S. Riggs	do	50
	Kingsley Twining, jr	do	25
	U. R. Pettis	do	25
	Thos. H. Sherrard	00	84 101 50
	Wm I. Bray	do	50
	C. C. Manning	do	3
	F. E. Olmsted	do	60
	H. J. Tompkins	do	60 25
	Jno. Foley	do	60
	P.S. Riggs Pen Carbon Manifold Co	do	60 25 9
7	Pen Carbon Manifold Co	Pen carbon books	9
	Emil Greiner	Graduate	1
	Hugh Kelliv	Glass Map case	2

Date.	Name.	Nature of payment.	Total
1900.			
pt.11	H. J. Tompkins W. W. Everette R. T. Fisher	Traveling expenses	\$31 25 172
13	W. W. Everette	Salary.	25
20	R. T. Fisher		172
	J. G. Jack do Wm. L. Hall	do Expenses	138 51 101
	do	Expenses	51
	Wm. L. Hall	do	101
	E.T. Allen H.B. Kempton do Houghton & Delano	do	143
	H. B. Kempton	Traveling expenses	65
	do	Traveling expenses	143
15	Houghton & Delano		134
	O. J. J. Luebkert A. F. Hawes N. G. Lind W. R. Dudley Chas. Jones Wwo. D. Stormett	Expenses Services do	87
	A. F. Hawes	Services	10
	N.G. Lind	do	25
	W. R. Dudley	do	50
	Chas. Jones	do	46
	Wm. D. Sterrett	Typewriters, etc	8
17	Wm. D. Sterrett S. P. Johnson W. W. Clark Crescent City Transportation Co	Typewriters, etc	423
	W. W. Clark	Traveling expenses	19
.21	Crescent City Transportation Co	Transportation	20
	Thos. H. Sherrard	Traveling expenses	34
	The Rio Grande Western Rwy. Co	Passenger transportation	22
	Montgomery & Co	Tally registers	22
22	Crescent City Transportation Co Thos. H. Sherrard The Rio Grande Western Rwy. Co. Montgomery & Co E. C. Greene F. W. Nevins Theo. F. Borst The Pullman Co. Boston and Albany R. R. Co Southern California Rwy. Co. Burlington and Missouri River R. R. in Nebraska.	Transportation Traveling expenses Passenger transportation Tally registers Salary do do Passenger transportation do do do	14
	F. W. Nevins	do	14 20
	Theo. F. Borst	do	20
	The Pullman Co	Passenger transportation	8 22 77 70
	Boston and Albany R. R. Co	do	22
	Southern California Rwy. Co	do	77
	Burlington and Missouri River R. R. in Ne-	do	7.0
	braska.		0"
	Edward Ingraham R. E. Bennedict R. B. Rutter L. H. Pammel	Salary	25 25 25
	R. E. Bennedict	do	25
	R. B. Rutter	do	25
	L. H. Pammel	Traveling expenses	17
	B. C. Rumsey, jr Keuffel & Esser Co	Expenses	101 25 124
94	B.C. Rumsey, Jr	Salary	20
24	Keuffel & Esser Co	Calipers, etc	124
97		Expenses	31
27 29	Houghton & Delano G. B. Sudworth et al	Expenses Salary Calipers, etc Expenses Photo supplies Salaries	351 1,069
20			
	Total first quarter	\	15, 433
t. 1	Thos. H. Sherrard	Traveling expenses	69
			23
	G. E. Clement	do	
	G. E. Clement Geo. L. Clothier	do	82
	Geo. L. Clothier J. G. Jack	do	135
	G. E. Clement Geo. L. Clothier J. G. Jack	do do Expenses	135
	Geo. L. Clothier J. G. Jack do B. T. Fisher	do do Expenses	135
	Geo. L. Clothier J. G. Jack do B. T. Fisher	do do Expenses	135
	Geo. L. Clothier J. G. Jack do B. T. Fisher	do do Expenses Traveling expenses Expenses Traveling expenses	135
	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen L. H. Pammel	do do Expenses Traveling expenses Expenses Traveling expenses	135
	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. C. J.	do do Expenses Traveling expenses Expenses Traveling expenses Expenses	135
	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. C. J.	do do Expenses Traveling expenses Expenses Traveling expenses Expenses	135
	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. C. J.	do do Expenses Traveling expenses Expenses Traveling expenses Expenses	82 135 19 125 152 80 137 248 36
	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith do F. E. Olmsted D. Frank Parker	do do Expenses Traveling expenses Expenses Traveling expenses Expenses	82 135 19 125 152 80 137 248 36 47
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith d F. E. Olmsted D. Frank Parker	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Typewriter	82 135 19 125 152 80 137 248 36 47 20
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith d F. E. Olmsted D. Frank Parker	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Typewriter	82 135 19 125 152 80 137 248 36 47 20 122
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith d F. E. Olmsted D. Frank Parker	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Typewriter	82 135 199 125 152 80 137 248 36 47 20 122 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith d F. E. Olmsted D. Frank Parker	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Typewriter	82 135 19 125 152 80 137 248 36 47 20 122 24 75
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith d F. E. Olmsted D. Frank Parker	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Typewriter	822 135 199 125 152 80 137 248 36 47 20 122 24 75 75
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do do Traveling expenses do Typewriter Salary do	82 135 195 125 152 80 137 248 36 47 20 122 24 75 75
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do do Traveling expenses do Typewriter Salary do	82 135 125 152 80 137 248 47 20 122 24 24 24 25 25
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do do Traveling expenses do Typewriter Salary do	822 135 199 125 152 80 80 137 248 36 47 75 75 24 25 24 24 24 25 24 24 24 24 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do do Traveling expenses do Typewriter Salary do	82 135 19 125 152 80 137 248 36 47 20 122 24 25 75 75 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do do Traveling expenses do Typewriter Salary do	822 1355 19 125 152 800 137 248 36 47 20 122 24 24 25 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do do Traveling expenses do Typewriter Salary do	82 135 19 125 152 152 152 248 47 20 122 24 75 75 75 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 152 152 152 25 24 24 24 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 1355 19 125 125 80 137 248 36 47 25 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 1355 19 125 125 80 137 248 36 47 25 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 80 127 248 36 47 7 20 122 25 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 152 80 80 36 47 20 122 24 24 24 24 24 24 24 24 24 24 24 24 2
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 80 137 248 36 47 20 122 24 24 24 24 24 24 24 24 24 24 24 24 2
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 80 80 36 47 20 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 152 16 137 248 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith D. F. E. Olmsted D. Frank Parker E. M. Griffith P. S. Riggs W. H. Mast Chas H. Mull W. R. Dudley G. A. Morison	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 152 80 47 248 24 24 24 24 24 24 24 24 24 24 24 24 24
2	Geo. L. Clothier J. G. Jack do R. T. Fisher E. T. Allen do L. H. Pammel E. M. Griffith d F. E. Olmsted D. Frank Parker	dodo Expenses Traveling expenses Expenses Traveling expenses Expenses do Traveling expenses do Traveling expenses do Typewriter Salary do	82 135 19 125 152 16 137 248 24 24 24 24 24 24 24 24 24 24 24 24 24

ate.	Name.	Nature of payment.	Total
200			
900.	Jno. Folev .	Salary	\$58
	J. Z. Henley	do	24
	O. W. Price	Traveling expenses	141
	Jno. Foley J. Z. Henley O. W. Price Gifford Pinchot	do	24 141 81
3	K. D. Swales	Salary	24
	E. T. Allen T. H. Sherrard	do	81
	T. H. Snerrard.	00	81
	T. H. Sherrard Wm. L. Hall W. C. Hodge, jr Smith Riley Filibert Roth Geo. L. Clothier R. T. Fisher R. S. Hosmer F. E. Olmsted	do	97 24
	Smith Riley	do	49
	Filibert Roth	do	163
	Geo. L. Clothier	do	81
	R. T. Fisher	do	58 97
	R.S. Hosmer	do	97
	F. E. Olmsted	do	58
	G. Fred Schwarz	do	97 43
	B. C. Benner		45
	Fugano F Rango	do	199
	Theo. F. Borst	do	24 122 6
	A.F. Yaggy	do	4
	F. Carter, jr	do	20
	C.G. Pearce	do	6
	J. W. Toumey	do	24
	R. S. Hosmer F. E. Olmsted G. Fred Schwarz B. C. Benner W. F. Fox Eugene F. Bruce Theo. F. Borst A. F. Yaggy F. Carter, jr C. G. Pearce J. W. Toumey do Edwd. Ingraham William James, jr J. W. Clark H. S. Meekham T. C. Carson	Traveling expenses	19
	Edwd. Ingraham	Salary	11
	W mam James, Jr	do	8 24
	H S Meekham	do	40
	T C Carson	do	19
	H. S. Meekham T. C. Carson Henry S. Graves	Traveling expenses	12 33
	do	Salary	24
4	H.I. Tompkins	do	24
5	Hiram Hurlburt	do	23
	Chicago and Northwestern Rwy. Co	Passenger transportation	34
	Union Pacific R. R. Co.	do	15
	Hiram Hurlburt. Chicago and Northwestern Rwy. Co- Union Pacific R. R. Co- Fremont, Elkhorn and Missouri Valley	do	9
	Rwy. Co. The Chicago, Burlington and Quincy R. R.	do	40
	Co.	` a.	45
	Baltimore and Ohio R. R. Co	do	45 36
- 1	Hobbs Wall & Co incorporated	do	60
9	The Rio Grande Western Rwy. Co Hobbs, Wall & Co., incorporated H. J. Tompkins Wm. L. Hall	Traveling expenses	70
10	Wm. L. Hall	do	171
0			10
	J. G. Jack H. B. Kempton G. Fred. Schwarz	Salary Expenses	73
12	H.B. Kempton	Expenses	61
	G. Fred. Schwarz	Traveling expenses	26
	do	Expenses, August	156
	do	Traveling expenses Expenses, August Expenses, September Expenses, July Indexes	$\frac{71}{14}$
15	do Amberg File and Index Co Wm. P. Haines O. W. Price H. J. Tompkins H. B. Kempton Houghton & Delano W. L. Hall	Indexes	0
19	Wm. P. Haines	Traveling expenses	9 81
16	O. W. Price	do	35
	H. J. Tompkins	do	14
	H. B. Kempton	dodo	45 22 47
	Houghton & Delano	Plates, etc	22
18	W. إ. Hall با	Expenses	47
10	Geo. L. Clothier E. T. Allen	Traveling expenses	203 81
19	F. T. Allen	Eynangas	41
	do	Traveling expenses	207
23	do F. E. Olmsted G. Fred. Schwarz	do	324
	G. Fred. Schwarz	do	324 51
		Hatchets	21
24	Paterson Bros. Southern Rwy. Co. New York Central and Hudson River R. R. Co. Munising Rwy. Co. Munising Rwy. Co.	Hatchets Passenger transportation do	21 18 21
	R R Co	ao	21
	Munising Rwy Co	doob	11
		do	$\frac{11}{211}$
	do :	do	14
	The Wahash R. R. Co	do	19
	St. Louis Southwestern Rwy. Co	do	38
	St. Louis Southwestern Rwy. Co	do	228
	Jno. C. Parker	Pencil sharpener	3.
25	Jno. C. Parker Houghton & Delano E. O. Wooten C. G. Smith	do Pencil sharpener Photo supplies Traveling expenses	41 23
26	E. O. Wooten	Traveling expenses	23.
	C. G. Smith E. M. Griffith	00	18 291
		n.y nenses	291

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.	E M Cuimth	The voling owner	201 100
et. 26	E. M. Griffith T. D. Lukens	Traveling expensesdo	\$74.30 66.08
30	do Postal Telegraph Cable Co Geo. F. Muth & Co S. P. Johnson Victor B. Fay	do do Telegraph service Varnish Platen Salary do Chemicals Solories	66. 08 39. 65 3. 30
90	Geo. F. Muth & Co.	Varnish	1. 25
	S. P. Johnson	Platen	1. 25 10. 00 25. 30
	do	do	4.89
0.1	Mackall Bros	Chemicals	4, 50
31 Nov. 1	W. H. Mast	Salary	1,472.09 8.15
	C. S. Crandall	do	168.50
	Victor B. Fay do Mackall Bros G. B. Sudworth et al. W. H. Mast. C. S. Crandall R. T. Fisher J. W. Toumey H. S. Graves Treadwell Cleveland, jr W. W. Everett E. S. Bruce H. S. Meekham G. F. Schwarz C. S. Chapman H. L. Fairchild H. McC. Curran	do	60.60 25.30
	H. S. Graves	do	25.30
	Treadwell Cleveland, jr	do	25.30 25.30
	E. S. Bruce	do	126.40
	H. S. Meekham	do	42.10
	C.S. Chapman	do	101.10 24.40
	H. L. Fairchild	do	24. 40 49. 70
	H. McC. Curran	do	25.30 49.70
	W. L. Bray	do	49.70 25.30
	W.R. Dudley	do	25.30 83.97
	T.P. Ludkens	do	25. 30 84. 20
	G. L. Clothier	do	84. 20 25. 30
	T. L. Duncan	do	13. 04 25. 30
	P. S. Riggs	do	25.30 25.30
	F. E. Olmsted	do	60.60
	W. C. Hodge, jr	do	25. 30
	E. T. Allen	do	60.60 84.20
	Chas. Mohr	do	126.40
	H. L. Fairchild H. McC. Curran C. D. Burson W. L. Bray W. R. Dudley F. L. Clarke T. P. Ludkens G. L. Clothier W. H. B. Kent T. L. Duncan P. S. Riggs A. E. Cohoon F. E. Olmsted W. C. Hodge, jr Jno. Foley E. T. Allen Chas, Mohr E. O. Wooten T. H. Sherrard Filibert Roth do Queen & Co., incorporated P. G. Huston Jno. C. Keach T. H. Sherrard J. E. Keach J. E. Keach J. E. Keach J. E. Keach Jibrary Bureau	do	126. 40 73. 37 84. 20
	Filibert Roth	Traveling expenses	229.30
	J. G. Jack	do	255. 25 86. 50
	do	Expenses	2.70
	Queen & Co., incorporated	Compasses	5.50 17.50 13.04
2	Jno. C. Keach	Traveling expenses Salary Traveling expenses do Folders and case	13.04
	T. H. Sherrard	Traveling expenses	51.38
	Library Bureau	Folders and case	11. 90 35. 25
	J. E. Keach Library Bureau A. M. Collins Manufacturing Co- Mackall Bros The Chesapeake and Potomac Telephone	Cards.	35. 25 36. 75
	The Chesapeake and Potomac Telephone	Acid, bottles, etc Telephone rent	$24.66 \\ 6.25$
0	CO.		
3	W.L. Hall	Salary	101.10 126.40
	C. G. Smith	do	16.30 25.30
	N.S. Shaler	do	25.30
	W. L. Hall E. M. Griffith C. G. Smith N. S. Shaler Jno. H. Nicoll L. C. Miller Z. L. Bliss H. B. Kempton W. F. Fox Geo. A. Morison Emily A. Long et al Houghton & Delano. Burlington and Missouri River R. R. in Nebr.	do	2. 45 25. 30 25. 30
	Z. L. Bliss	do	25.30
	W. F. Fox	do	25, 30 25, 30
	Geo. A. Morison	Toban	29. 29 109. 70
5	Houghton & Delano	Photo supplies	44.30
6	Burlington and Missouri River R. R. in	Passenger transportation	60.45
		do	41.70
9	Northern Facilic Rwy, Co. H. B. Kempton A. C. Ringland H. D. Tiemann Silas C. Mason L. H. Pammel G. E. Clement	do Traveling expensesdodo Salarydodo Traveling expensesdo Expensesdo	83. 37
10	H. D. Tiemann	do	83. 37 7. 30 7. 75
12	Silas C. Mason	Salary	25.30
	L. H. Pammel G. E. Clement	do	25.30 24.40
	E. T. Allen	Traveling expenses	87.00
13	Chas. S. Chapman	do	28. 18
14	G. E. Clement E. T. Allen Chas, S. Chapman W. L. Hall E. M. Griffith	Traveling expenses	39.52 262.25
	do	Travaling avnances	55.55

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
lov. 14	F. E. Olmsted	Traveling expenses	\$6.
16	E.O. Wooten	Expenses	155.
	Geo. L. Clothier	Expenses Traveling expensesdo	79.
	F. B. Offisted E. O. Wooten Geo. L. Clothier W. C. Hodge, jr J. W. Toumey P. S. Riggs R. P. Imes R. E. Benedict Ken J. H. Forning	do	21. 19.
	J. W. Toumey	Services	19.
	R P Imac	Salary	4. 25. 49.
	R. E. Benedict	Salarydo	40.
	Karl H. Fenning H. B. Kempton C. S. Crandall	do	49.
17	H. B. Kempton	do Expenses Trayeling expenses	25.
21	C. S. Crandall	Traveling expenses	485. 182.
	Wm. L. Hall Pennsylvania R. R. Co	do	182.
24	Pennsylvania R. R. Co	Passenger transportation	29.
90	Pennsylvania R. R. Co Ralph S. Hosmer E. T. Allen Thos Somerville & Sons S. P. Johnson R. T. Fisher	Traveling expenses	23.
26 27	The Somewille & Sons	Pine eta	29. 3.
61	S P Johnson	Platen etc	3. 7.
	R. T. Fisher	Expenses	20.
	do	Traveling expenses	20. 225. 61.
	do Houghton & Delano	Photo supplies	61.
	G. S. Cleland	Traveling expenses	24.
	W.C. Chadeayne	do	13.
30	Houghton & Delano. G. S. Cleland W. C. Chadeayne G. B. Sudworth et al. Wm. C. Hodge, jr F. P. Lukens W. W. Eyerett Jno. E. Keach Hugh McC. Curran Wm. F. Fox L. H. Pammel	Passenger transportation Traveling expenses Expenses Pipe, etc Platen, etc Expenses Traveling expenses Photo supplies Traveling expenses do Salaries Salary	24. 13. 2,381.
ec. 1	Wm. C. Hodge, jr	Salary	24.
	F. P. Lukens	do	24.
	W.W.Everett	do	24.
	Hugh McC Curren	do	24. 24.
	Wm F Fox	do	24.
	L. H. Pammel	do	24.
	Wm. L. Bray	do	24.
	W.R. Dudley	do	24.
	Karl H. Fenning	do	24.
	R. P. Imes	do	24.
	R. E. Benedict	do	24.
	N. S. Shaler	dodo	24.
	L. H. Pammel Wm. L. Bray W. R. Dudley Karl H. Fenning R. P. Imes R. E. Benedict N. S. Shaler W. H. B. Kent Silas C. Mason G. Fred Schwarz A. E. Cohoon Jno. Foley	do	24.
	Silas C. Mason	OO	24.
	A. F. Cohoon	do	24. 24.
	Jno. Foley	do	58.
	Geo. L. Clothier	do	81.
	F. E. Olmsted	do	81. 81.
	Geo. L. Clothier F. E. Olmsted Chas. Mohr	do	122. 122. 122.
	E. M. Griffith	do	122.
	E. M. Griffith E. S. Bruce C. S. Crandell	do	122.
	C. S. Crandell	do	163.
	Smith Riley	do	49. 49. 49.
	Smith Riley W. J. Gardner C. E. Bessie Leonard Bronson	do	49.
	Leonard Broneon	do	49.
	H. S. Graves do Treadwell Cleveland, jr J. W. Toumey	do	24
	do	Traveling expenses	24. 21.
	Treadwell Cleveland, ir	Salary	24.
	J. W. Toumey	do	24.
	H. S. Meekham	Expenses	40. 178.
0	H. B. Kempton	Expenses	178.
3	J. W. Toumey H. S. Meekham H. B. Kempton Library Bureau D. Frank Parker Richard L. Lamb	Cards	9. 25. 19.
5	D. Frank Parker	Carbon paper Numbering Cooler and stand Passenger transportation	10
9	W R Moses & Sons	Cooler and stand	8
	W. B. Moses & Sons New York, New Haven and Hartford R. R.	Passenger transportation	8. 9.
	Co.		
	Canadian Pacific Rwv. Co	do	23.
	Canadian Pacific Rwy. Co Baltimore and Ohio R. R. Co	do	6.
	The Wahach R R Co	do	6. 11. 13.
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	13.
	Chicago, Milwaukee and St. Paul Rwy. Co. The Kansas City Southern R. R. Co. Chicago and Northwestern Rwy. Co. Burlington and Missouri River R. R. in	do	10.
	Unicago and Northwestern Rwy. Co	do	8. 349.
	Burlington and Missouri River R. R. in	do	349.
e	Nebraska. Robt. D. Swales	Solony	40
6	Z D Gilman	Salary Cotton Traveling expenses do Salary do Traveling expenses Scale pen, etc.	49. 2. 54.
10	Z. D. Gilman E. T. Allen	Traveling expenses	54
10		do	10.
11	C. D. Burson	Salary	24.
11	H. L. Fairchild	do	24.
	J. W. Toumey	Traveling expenses	69.
	P. G. Huston C. D. Burson H. L. Fairchild J. W. Toumey Keuffel & Essex Co Alice C. Foster	Scale pen, etc Lantern slide	19.
		T & 11 A -	20.

Jan

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Dec. 11	F. E. Olmsted	Traveling expenses	\$157.90
14	J. E. Keach Jno. Foley Queen & Co., Inc	do	10.70 27.30 8.00
	Jno. Foley	do do Paper Traveling expenses Chemicals Guides, cards, etc.	27.30
	H. B. Kempton	Traveling expenses	29.07
17	Mackall Bros	Chemicals	3 47
18	Mackall Bros Library Bureau	Guides, cards, etc	$\frac{3.47}{40.05}$
19	Mr. F. Bender Smith Riley John E. Keach Geo. L. Clothier Houghton & Delano Jno. W. Riggs G. B. Sudworth et al	Salary do Traveling expenses do Photo supplies	9.78
21	Smith Riley	do	50.50
	John E. Keach	Traveling expenses	21.55 79.22
26	Geo. L. Clothier	do	79.22
20	Houghton & Delano	Photo supplies	41.26
29 31	Jno. W. Riggs	Salary Salaries	24.40
91	G. D. Sudworth et al	Salaries	3, 344. 35
	Total, second quarter		22, 635, 86
	2 obal, occord quartor relimination		
1901.			
Jan. 2	Union Pacific R. R. Co	Passenger transportation	4.59
	Northern Pacific Rwy. Co	do	96.00
	The Colorado and Southern Rwy. Co	do	44.75
	The Pullman Co	do	60.50
	Union Pacific R. R. Co Northern Pacific Rwy. Co The Colorado and Southern Rwy. Co The Pullman Co Pennsylvania R. R. Co Southern Rwy. Co N. S. Shaler Smith Riley L. H. Pammel W. W. Everett W. R. Dudley Leonard Bronson C. D. Burson C. E. Bessey Treadwell Cleveland, jr W. L. Bray Chas. Mohr F. E. Olmsted Geo. L. Clothier S. C. Mason Wm. F. Fox H. S. Graves G. Fred Schwarz Herman L. Fairchild J. W. Toumey The Scoyill & Adams Co., of New York Robt. D. Swales Jino Foley Silas C. Mason Geo. L. Clothier United States Express Co	do	17.00 18.20 25.30
-	N C Cholon	Solony	18.20
	Smith Riley	do	50.50
	I. H Pammal	do	95. 30
	W. W. Everett	do	25.30 25.30
	W. R. Dudley	do	25.30
	Leonard Bronson	do	25.30
	C. D. Burson	do	25. 30 25. 30
	C. E. Bessey	do	25.30
	Treadwell Cleveland, jr	do	25.30
	W. L. Bray	do	25.30
	Chas. Mohr	do	126, 40 84, 20
	Coo I Clothion	do	84.20
	S C Mason	do	84.20 25.30 25.30
	Wm F For	do	25. 30 25. 30
	H.S. Graves	do	25.30
	G. Fred Schwarz	do	25.30 25.30 25.30
	Herman L. Fairchild	do	25.30
	J. W. Toumey	do	25.30
3	The Scovill & Adams Co., of New York	Photo supplies	131.75 25.30
4	Robt. D. Swales	Salary	25. 30
٠,	Jno. Foley	do	60. 60 50. 00
5	Silas C. Mason Geo. L. Clothier United States Express Co Houghton & Delano	Traveling expenses	50.00
7	United States Express Co	Tuengnantation	99.41
14	Houghton & Delano	do	4.45 134.42
**			37.98
	Rudolph, West & Co Mackall Bros Jno. W. Riggs	Hardware	6.04
	Mackall Bros	Hardware Chemicals	6, 85
16	Jno. W. Riggs	Salary Traveling expenses	25. 30
1.00	E.S. Bruce	Traveling expenses	6.50
17	Wm. H. Mast	dodo	28. 83
18	E.S. Bruce Wm. H. Mast Jas. W. Toumey Henry S. Graves	do	14.45 22.30
	E M Griffith	do	22.30 430.83
	E. M. Griffith do	Erronges	85. 00
19	P.G. Huston	Expenses	25.30
21	A. M. Collins Manufacturing Co	Cards Transfer cases Cards and bookrest	42.50
	Amberg File and Index Co	Transfer cases	15. 49
	Library Bureau	Cards and bookrest	31.00
22	Jno. C. Parker	Paper	4.50
	Thos. Somerville & Sons	Washers	. 20
00	W. B. Moses & Sons	Costumers	9.60
23 24	do P. G. Huston A. M. Collins Manufacturing Co Amberg File and Index Co Library Bureau Jno. C. Parker Thos. Somerville & Sons W. B. Moses & Sons O. J. J. Luebkirt F. F. Olmsted	Expenses	56. 70
24 26	Chas S Channan	Expenses Traveling expensesdo	81.53
28	Ino Folov	do	42.10 40.10
20	Robt. D. Swales	do	25.75
	C. J. Buterier F. E. Olmsted Chas. S. Chapman Jno. Foley Robt. D. Swales T. A. Sherrard	Expenses Traveling expenses	25. 75 12. 35
29 30	Jno. W. Riggs T. P. Lukens H. S. Graves G. B. Sudworth et al.	Traveling expenses	39, 64
30	Jno. W. Riggs	do	39. 64 56.02
	T.P. Lukens	Expenses	5.00
	H. S. Graves	Traveling expenses	21.50
31	G. B. Sudworth et al.	do	4, 197, 48
	Houghton & Dolono	Lantern niates	2.55 1.29
Feb. 2	Houghton & Delano Lida Draper	Labor	14100

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
Feb. 4	Laidee Luttrell	Labor	\$1.29 2.58 3.87 57.10
	Elsie B Stabler	do	2.58 3.87
6	Earnee Lattrell S. C. Ford Elsie B. Stabler The Chesapeake and Ohio Rwy. Co The Atchison, Topeka and Santa Fe Rwy. The Pullman Co. Pere Marquette R. R. Co. New York, New Haven and Hartford R. R.	Passenger transportation	57.10
- 1	The Atchison, Topeka and Santa Fe Rwy.	do	
	Pere Marquette R. R. Co	do	14.00 20.22 12.25
	New York, New Haven and Hartford R. R.	do	12. 25
			1
	Leonard Bronson	do Salary do do do	16. 93 25. 80
	C. D. Burson	do	25.80 25.80
	C. E. Bessey	do	25.80 25.80
	W. W. Everett	do	25.80
	W. L. Bray	do	25.80
	Jno. W. Riggs	do	25.80 25.80
	Silas C. Mason	do	25.80 51.10
	T.P. Lukens	do	51.10
	Treadwell Cleveland, ir	do	25.80 25.80
	Henry S. Graves	do	25.80
	Pennsylvania R. R. Co Leonard Bronson C. D. Burson C. E. Bessey L. H. Pammel W. W. Everett W. L. Bray W. R. Dudley Jno. W. Riggs Silas C. Mason T. P. Lukens J. W. Toumey Treadwell Cleveland, jr Henry S. Graves H. L. Fairchild Wm. F. Fox G. Fred. Schwartz T. P. Lukens	do	25.80 25.80
	G. Fred. Schwartz	do	25. 80 25. 80
	G. Fred. Schwartz T. P. Lukens	Traveling expenses	2.65 22.25
	Henry S. Graves O. A. Danzenbaker H. M. Suter Mackall Bros	Traveling expenses do Pipe covering Traveling expenses Chemicals Negatives Traveling expenses do Tracing cloth Telephone rent	22.25 4.32
7	H. M. Suter	Traveling expenses	29.50
8	Mackall Bros	Chemicals	58.32
9	E. Reese H. M. Curran	Negatives	40.50 19.78
11	E. M. Griffith	dodo	103.58
	E. M. Griffith Queen & Co., Inc The Chesapeake and Potomac Telephone	Tracing cloth	18.15
12	The Chesapeake and Potomac Telephone Co.	Telephone rent	6.25
	do		3.19
13	F. E. Olmsted	Freight charges	7.95
14 16	F. E. Olmsted E. S. Bruce J. W. Toumey Herbert A. Smith	do Traveling expenses Color do Color d	92.22 23.25
	Herbert A. Smith	Salary	53.33
10	G. E. Clement O. W. Pierce Houghton & Delano	Thereling expenses	16.45
18 19	Houghton & Delano	Photo supplies	23.80 84.35
- 1	Ludwig Tesdorf	Instruments	119.59
20	The Press Clipping Bureau	Clippings	27.12 49.27
	Ludwig Tesdorf Ludwig Tesdorf The Press Clipping Bureau M. G. Copeland & Co H. H. Chapman N. S. Shaler	Salary	25. 80 25. 80 2. 25 92. 70
01	N.S. Shaler	do	25.80
21	D. F. Parker	Furniture	92.70
	Alice C. Foster	Lantern slides, etc	25.15
99	Queen & Co., Inc	Cross-section paper	19. 20 36. 70
23	Houghton & Delano	Photo supplies Instruments Clippings Tent Salary do Mimeograph ink Furniture Lantern slides, etc Cross-section paper Traveling expenses Kodaks, etc. Telegraph service	195.00
	W. B. Moses & Sons Alice C. Foster Queen & Co., Inc G. E. Clement Houghton & Delano Western Union Telegraph Co George F. Muth & Co Fred A. Schmidt Chicago, Rock Island and Pacific Rwy. Co. New York, New Haven and Hartford R. R. Co.	Telegraph service Glass Magnifying glass, etc Passenger transportation	47.36 17.50
26	George F. Muth & Co	Wagnifying glass ate	17.50 2.80
27	Chicago, Rock Island and Pacific Rwy. Co.	Passenger transportation	134.86
	New York, New Haven and Hartford R. R.	do	5.00
	Co. Jno. W. Riggs	Expenses	16.05
	do	do	4.27 21.37
90	Adams Express Co.	Transportation	21.37 12.06
28	G. B. Sudworth et al	Salaries	4, 297. 89
Mar. 1	H. A. Smith	Salary	93.40
	C. E. Bessey	do	23. 40 23. 40
	T. P. Lukins	do	23.40
	Wm. L. Bray	do	23.40
	Silas C. Mason	do	23.40 23.40
	C. D. Burson	do	23.40
	Wm. F. Fox	do	23.40
	Herman L. Fairchilds	do	23. 40 23. 40
	Jno. W. Riggs	do	23.40
	9	3.0	23.40

Da	ite.	Name.	Nature of payment.	Total.
190	זר			
Iar		Treadwell Cleveland, jr	Salarydo	\$23.4 23.4
	9	Herman H. Chapman Leonard Bronson	do	23.
		Leonard Bronson	do	23.
		Heonard Bronson W. R. Dudley H. M. Curran Chas, S. Chapman Jas, S. Topham	Traveling expenses	23.4
	11	Char C Charman	Sorvices	18. 3 26. 4
	11 12 13	Les S Tophem	Services Repairs to lantern	3 (
	14	Jas. S. Topham S. P. Johnson Church & Stephenson Rudolph, West & Co The Geo. W. Knox Express Co H. S. Graves N. S. Shaler Jno. W. Riggs Library Bureau Fred. A. Schmidt Mackall Bros J. Manz Engraving Co D. Frank Parker Geo. L. Clothier Houghton & Delano.	Mimeograph sheets	3.0 7.4
	11	Church & Stephenson	Lumber	46.8
	1	Rudolph, West & Co	Hardware, etc Transportation Traveling expenses	8.6
		The Geo. W. Knox Express Co	Transportation	187.
	16	H. S. Graves	Traveling expenses	187.
	- 1	N.S. Shaler	Salary	23. 4 23. 4
	18	Jno. W. Kiggs	Conde	20.
	19	Fred A Schmidt	Salarydo Cards Blue-print paper Chemicals	30.
	10	Mackall Bros	Chemicals	19.
	21	J. Manz Engraving Co	Engraving Mimeograph paper Traveling expenses	12.0
		D. Frank Parker	Mimeograph paper	29.
	22 23	Geo. L. Clothier	Traveling expenses	51.
		Houghton & Delano	Photographic supplies	59.0
	25	Jno. W. Riggs. Church & Stephenson United States Electric Lighting Co E. T. Allen	Traveling expenses	18.
		United Stephenson	Lumber	9.
	27	E T Allen	Traveling expenses	4. 20.
	14		Cyclone paper	44
	30	Geo. B. Sudworth et al	Photographic supplies Traveling expenses Lumber Lamps Traveling expenses Cyclone paper Salaries	44. 4,645.
		Total third quarter		18,965.
pr.	. 1	Jno. C. Parker Henry Brooks Wm. F. Fox	Bookcase	39.
•		Henry Brooks	Salary	14. 1 25. 8 25. 8
		Wm. F. Fox	do	25.8
		Wm. F. Fox Henry S. Graves J. W. Toumey Treadwell Cleveland, jr H. M. Fairchild G. Fred. Schwarz	do	25.
		J. W. Toumey	do	25. 8 25. 8
		H M Feirebild	do	25. 8 25. 8
		G Fred Schwarz	do	25.8
		Geo. L. Clothier	do	86.1
		Geo. L. Clothier T. P. Lukins Silas C. Mason L. H. Pammel Jno. W. Riggs C. E. Bessey W. R. Dudley H. H. Chemon	do	25.8
		Silas C. Mason	do	25.8
		L. H. Pammel	do	25.8
		Jno. W. Kiggs	00	25.8
		W. P. Dudlov	do	25.8 25.8
		H. H. Chapman	do	25.8
		C. D. Burson	- do	25.8
		Leonard Bronson	do	25.8
		Boston and Maine R. R. Co	Passenger transportation	7.8
		The Missouri Pacific Rwy. Co	do	55.8
		do	do	28.6
		H. H. Chapman C. D. Burson Leonard Bronson Boston and Maine R. R. Co The Missouri Pacific Rwy. Co do Pennsylvania R. R. Co	do	33. 8
				12.
		St. Louis Southwestern Rwy. Co	do	14.5 14.6
		do do Boston and Albany R. R. Co Philadelphia and Reading Rwy. Co Wm. L. Bray	do	8. 3
		Boston and Albany K. K. Co.	do	9.6 10.7
	2	Wm L. Bray	Salary	10. 7 25. 8
	~	T. Balfour	Salary do Photographic supplies Oilcloth	49.
		Houghton & Delano	Photographic supplies	44.8
		W. B. Moses & Sons	Oilcloth	44.8 3.0
		Wm. L. Bray. T. Balfour Houghton & Delano W. B. Moses & Sons Jas. S. Topham Thos H. Sherrard Chas. Parsons. Kanffel & Essar Co	Kodak case Traveling expenses Book	4. 8
	3	Thos H. Sherrard	Traveling expenses	55. 8
		Chas. Parsons.	Book-	3. 8
		Keunel & Esser Co	Paner	4.9
	6	Chas. Parsons. Keuffel & Esser Co Jas. S. Topham Houghton & Delano W. W. Everett Church & Stephenson The Maurice Joyce Engraving Co Rudolph, West & Co Z. D. Gilman R. P. Clarke Co Ernest Betz H. A. Smith	Camera cases Films, etc	10.0
	8	W W Everett	Salary	13. 8
	9	Church & Stenhenson		25.8 15.1
	0	The Maurice lovce Engraving Co	Engraving Hardware Funnels Cheese cloth Stove	9
		Rudolph, West & Co	Hardware	2.3 12.3
		Z. D. Gilman	Funnels	2.2
	11	R. P. Clarke Co	Cheese cloth	2.2
		Ernest Betz	Stove	11.0
			Services	91.0
		N. S. Shaler	Salary	25.8
	12	Emil Greiner Simpson & Co	Graduates	3.6

$Expenditures\ of\ Department\ of\ Agriculture\ for\ year\ ending\ \textit{June\ 30,1901} - \textbf{Cont'd.}$

Date.	· Name.	Nature of payment.	Total
1901.			
or. 12	Library Bureau	Case and cards	\$63.
16	do Geo. L. Clothier	Fite case and guides	45
	Geo. L. Clothier	Evnancae	11
	H. B. Kempton Mackall Bros Henry Grinnell	Traveling expenses Chemicals Traveling expenses	28.
	Mackall Bros	Chemicals	8
177	Henry Grinnell	Traveling expenses	59
17 18	O. W. Price Geo. L. Clothier	do	46 75
19	Jas. S. Topham E. M. Griffith R. P. Clarke Co. Geo. B. Donavin & Co.	Repairing instruments	16
10	Jas S Tonham	Map case	31
20	E. M. Griffith	Traveling expenses	44
	R. P. Clarke Co	Traveling expenses Cotton flannel	44 1
	Geo. B. Donavin & Co	Field ranges, etc	84
	Queen & Co., Inc. Houghton & Delano. Chicago, Burlington and Quincy R. R. Co. Burlington and Missouri River R. R. in	Aneroid barometers	90
	Houghton & Delano	Photographic supplies	27
	Chicago, Burlington and Quincy R. R. Co.	Transportation	
	Burlington and Missouri River R. R. in	do	
99	Nebraska.	D	10
22	Nebraska. The New York, New Haven and Hartford R. R. Co.	Passenger transportation	12
	R. R. CO. Poltimore and Ohio P. P. Co.	do	15
92	Baltimore and Ohio R. R. Co	Cute	15 37 19
23 25	The Press Clinning Rurgan	CutsClippings	10
40	Jas. B. Lyon The Press Clipping Bureau Felt & Tarrant Manufacturing Co.	Comptometer	125
	Felt & Tarrant Manufacturing Co. Keuffel & Esser Co. A. M. Collins Manufacturing Co. Amberg File and Index Co. Chas. R. Edmonston. Sheetz & Bishop. D. Frank Parker Ordnance Department of U. S. Army. United States Express Co. Adams Express Co. Jno. Humphrey.	Comptometer Levels, chains, etc Cards, etc	74
	A. M. Collins Manufacturing Co.	Cards, etc	74 61
	Amberg File and Index Co	Indexes	4
	Chas. R. Edmonston	Camp outfit	20
	Sheetz & Bishop	Lantern slides Mimeograph ink and paper	7 16
	D. Frank Parker	Mimeograph ink and paper	16
27	Ordnance Department of U. S. Army	Saddle, etc Transportationdo	23
	United States Express Co	Transportation	3 14
29	The Hamphage	Calinana	3
29	Jno. Humphrey New York, New Haven and Hartford R. R.	Calipers Transportation	J
	Co.	Transportation	
30	T 77 TO . 1	Salary	32
00	Geo. B. Sudworth et al	Salaries Camera case Salary	3,978
ay 1	Jas. S. Topham	Camera case	3,978 4 123
	Eugene S. Bruce	Salary	123
	Geo. L. Clothier	do	82
	J. W. Riggs	do	24 24
	H. H. Chapman	do	24
	L. H. Pammel	OD	24 24
	Wm I Prov	do	94
	Wm C Hodge ir	do	24 49
	C. D. Burson	do	24
	T. Balfour	do	24
	R. E. Benedict	do	24 24
	J. V. Domphan Geo. B. Sudworth et al Jas. S. Topham Eugene S. Bruce Geo. L. Clothier J. W. Riggs H. H. Chapman L. H. Pammel R. P. Imes Wm. L. Bray Wm. C. Hodge, jr C. D. Burson T. Balfour R. E. Benedict S. C. Mason C. E. Bessey H. B. Kempton Wm. F. Fox J. W. Toumey N. S. Shaler H. M. Fairchild G. Fred Schwarz H. M. Sutter	do	24
	C. E. Bessey	do	24
	H. B. Kempton	do	59 24
	Wm. F. Fox	do	24
	J. W. Toumey	do	24 24 24
	H M Fairchild	do	94
	G Fred Schwarz	do	24
	H. M. Sutter	do	24
3	H. M. Sutter The Chesapeake & Potomac Telephone Co.	Telephone rent	
_	do	do	6
8	Western Union Telegraph Co	Telegraph services	13
9	Geo. L. Clothier	Traveling expenses	56
	L.C. Miller	do	6
	K. S. Kellogg	Expenses	28
	W. P. Dudlor	Salary	. 94
13	H. C. Roberts Floatric Cumply Co	Rattarios	.24
16 16	Church & Stepenson	Salary do Batteries Lumber Traveling expenses do	24 24 2 17
10	H B Kempton	Traveling expenses	109
	W. K. Shepard	dodo	109 26
	Eugene S. Bruce	do	54
17	Rudolph, West & Co.	Hatchets	11
	do	Making chests.	4
	E. S. Newman	Copyholder	2
	The Chesapeake & Potomac Telephone Codo Western Union Telegraph Co Geo. L. Clothier L. C. Miller R. S. Kellogg T. P. Lukins W. R. Dudley H. C. Roberts Electric Supply Co. Church & Stepenson H. B. Kempton W. K. Shepard Eugene S. Bruce Rudolph, West & Codododo E. S. Newman Wm. Walter Amberg File and Index Codo	Hatchets Making chests Copyholder Blank holder	30
20	Amberg File and Index Co	Indexesdo	8
	do	Salary	5 50

Date.	Name.	Nature of payment.	Total
1901.		·	
May 20	H. S. Graves Treadwell Cleveland, jr R. S. Kellogg W. L. Wallace W. W. Everett L. Bronson Houghton & Delano R. T. Fisher	Salary	\$24 24 15
	Treadwell Cleveland, jr.	do	24
	R.S. Kellogg	Traveling expenses	15
	W. L. Wallace	Salary	24 24 24
	I. Bronson	do do Photographic supplies Traveling expenses Moving Forestry Division Expenses Salary Passanger transportation	91
	Houghton & Delano	Photographic supplies	126
	R T Fisher	Traveling expenses	5
21	R. T. Fisher Littlefield, Alvord & Co	Moving Forestry Division	5 59
21 24	J. W. Riggs	Expenses	35
		Salary	39
27	H. McCurran Pennsylvania R. R. Co Savannah, Florida and Western Ry. Co Western Union Telegraph Co do Geo. B. Sudworth et al. H. S. Graves.	Passenger transportationdo Telegraph service	30
	Savannah, Florida and Western Ry. Co	do	7
28	Western Union Telegraph Co	Telegraph service	8
0.1	do	do Salaries	21
31	Geo. B. Sudworth et al	Salaries	3, 191
une 1	H. S. Graves. do W. K. Shepard. P. G. Huston	Salary	5, 131 78 25 1 25
	W V Changed	do	40
	D.C. Ungton	do	95
	J. E. Keach	do	29
	W L Wallace	do	25
	W. B. Dudley	do .	25 25
	W.W.Everett	do	25
	J. E. Keach W. L. Wallace W. R. Dudley W. W. Everett A. C. Ringland H. M. Sutter C. D. Burson	do	25
	H. M. Sutter	do	25
	C. D. Burson	do	25
	R.P. Imes S.C. Mason W.C. Chadeayne F. Tompkins	do	25
	S. C. Mason	do	25
	W.C. Chadeayne	do	65
	F. Tompkins	do	25
	T. Baltour	do	25
	C. G. Smith	00	25
	R. E. Benedict	do	26
	J. W. filggs	do	25
	W. I. Rusy	do	25 25
	G S Claland	do	25
	F. Tompkins T. Balfour C. G. Smith R. E. Benedict J. W. Riggs T. P. Lukens W. L. Bray G. S. Cleland F. E. Olmsted E. H. Hareford W. L. Hall A. E. Cahoon	do	85
	E. H. Hareford	do	20
	W. L. Hall	do	119
	A. E. Cahoon A. I. V. Chatfield Smith Riley	do	20 119 5
	A. I. V. Chatfield	do	50
	Smith Riley	do	100
			25
	H. D. Tiemann H. L. Fairchild T. Cleveland, jr	do	25
	H. L. Fairchild	do	25
	T. Cleveland, Jr.	00	25
	G. F. Schwarz. H. Brooks J. W. Toumey E. S. Bruce	00	25
3	I W Tormov	do	25 25
9	E S Rruce	do	127
	W.F.Fox	do	25
	W. F. Fox N. S. Shaler L. H. Pammel	do	25
	L. H. Pammel	do	25
			25
	G. E. Bessey Geo. L. Clothier H. H. Chapman Southern Rwy. Co. H. A. Smith S. B. Gregory Geo. L. Clothier M. Du. Perow	do	85
	H. H. Chapman	do	25
4	Southern Rwy. Co.	Passenger transportation	32
5	H. A. Smith	Salary	84
	S. B. Gregory	Services	3 16
11	Geo. L. Clothier	Expenses	16
	M. Du Perow Wm. Walter Geo. F. Muth & Co.	Repairing tripod Plate glass Tapes	15
	Goo F Muth & Co	Repairing tripod	10
			10
	Jas S Tonham		10
	Fred. A. Schmidt	Cloth	6
	Jas. S. Topham Fred. A. Schmidt The Maurice Joyce Engraving Co.	Camera cases Cloth Engraving autograph Photo supplies do Films	
13	Houghton & Delano.	Photo supplies.	75
	do	do	46
	Houghton & Delanodododo	Films	46 21
	Rudolph, West & Co	Rules, etc. Padlock, etc. Transportation.	9
	do	Padlock, etc.	4
14	Adams Express Co	Transportation	17
	The Chesapeake and Potomac Telephone Co	Service	
	Queen & Co., Inc	Service Repairing aneroids	9
15	Rudolph, West & Codo do Adams Express CoThe Chesapeake and Potomac Telephone Co Queen & Co., Inc. Mackall Bros Richd, L. Lamb.	Chemicals, etc Stamps	19
	Richd. L. Lamb	Stamps	5
17		Expenses	9

Expenditures of Department of Argiculture for year ending June 30, 1901—Cont'd. FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1001			
1901. June 17	R. S. Kellogg	Expenses	\$4.95
	Church & Stephenson	Lumber	8.42
18	Wm. H. Mast	Traveling expenses	6. 15
	Eugene S. Bruce Manhattan Electrical Supply Co	Wire, etc.	62. 91 5. 00
	Queen & Co., Inc	Chairs, etc	104.10
	Queen & Co., Inc A. M. Collins Manufacturing Co	Cards	16.00
	C. P. Goerz The J. W. F. Dorman Co	Shutter	56.34
	Woodruff Manufacturing Co	Type holder File case Camera, etc	9.25
	Lawver & Wagner	Camera, etc	176. 50 32. 50
19	Lawyer & Wagner Jas. B. Lambie	Nails	2. 98 51. 00
20	W. C. Hodge, jr Pen-Carbon Manifold Co	Salary Letter book	51.00
21	Library Bureau	Oak case	9.00 5.00
	Library Bureau Western Union Telegraph Co	Service	7.20
	do	do	5.0
	do	do	7.3
22	do W. H. B. Kent	Traveling expenses	13.70 26.86
1313	H. B. Kempton	Salary	61.40
25.	H. B. Kempton Pennsylvania R. R. Co. New York, New Haven & Hartford R. R. Co	Passenger transportation	14.60
	New York, New Haven & Hartford R. R. Co	do	24.50
	Boston and Maine P. P. Co	do	12.00 12.00
	The Chesapeake and Ohio Rwy, Co	do	55. 25
	Southern Rwy. Co	do	38, 80 2, 011. 71
29	Maine Central R. R. Co. Boston and Maine R. R. Co. The Chesapeake and Ohio Rwy. Co. Southern Rwy. Co. G. B. Sudworth et al.	Salaries	2,011.7
	Total fourth quarter		15, 920. 29
	Supplemental.	:	10,000.20
F1- 1		Calana	04.50
July 1	H. G. Tiemann A. K. Chittenden	Salary	24.70 13.19
	H. L. Fairchild		24. 70
	Wm. F. Fox	do	24.70
	N. S. Shaler	do	24.70
	Henry S. Graves Karl H. Fenning Tredwell Cleveland, jr	do	24. 70 24. 70
	Tredwell Cleveland, jr	do	24.70
	Henry Brooks	do	49. 40 24. 70 123. 60
	D. L. Nicks E. S. Bruce		24.70 122.60
	Henry Grinnell	dodo	59.30
1	Coert Du Boise	do	39. 60 24. 70 59. 30 123. 60
	Wm, H. Mast H. B. Kempton	do	24. 7
	H. S. Meekham	do	123.60
	J. W. Touemy	do	24.70
	E. R. Hodson	do	24. 70
	W. H. B. Kent W. W. Everett	do	24. 70 24. 70 24. 70 5. 20 24. 70 24. 70 26. 30
	H. M. Suter	do	24. 70
	H. M. Suter C. S. Chapman	do	26.3
	R. E. Benedict	do	64. 11
	R. E. Benedict P. G. Huston A. C. Ringland C. G. Smith W. C. Chadeayne G. S. Cleland F. Thompkins T. P. Lukens W. L. Bray C. E. Bessey L. H. Pammel E. H. Hareford A. F. Hawes H. J. Tompkins	do	24. 70 24. 70
	C. G. Smith	do	24.70
	W. C. Chadeayne	do	24.70
	G. S. Cleland	do	24.70
	F. Thompkins	do	24.70 24.70
	W. L. Bray	do	24. 70
	C. E. Bessey	do	24. 70 24. 70 24. 70
	L. H. Pammel	do	24.70
	A F Hawes	do	24.70 39.60
	H. J. Tompkins	do	59.30
	Smith Riley	do	
	F'. E. Olmsted	do	82. 40 49. 50 24. 70 24. 70
	R. S. Kellogg	do	24.70
	J. W. Riggs	do	24.70
	C. D. Burson	do	24.70
	Geo. L. Clothier	do	82.40 24.70
	II II Ob		
	H. H. Chapman	do	24.70 39.60
	H. J. Tompkins Smith Riley F. E. Olmsted Wm. C. Hodge, jr R. S. Kellogg J. W. Riggs C. D. Burson Geo. L. Clothier H. H. Chapman L. C. Miller R. P. Imes S. C. Mason G. F. Schwarz	do do	24.70 39.60 24.70 24.70

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. FORESTRY INVESTIGATIONS-Continued.

Da	ite.	Name.	Nature of payment,	Total.
		Supplemental—Continued.		
190			2.1	610.1
July	7 1	G. E. Clement J. E. Keach	Salarydo	\$13. 1 24. 7
	2	Mackall Bros	Soda, etc.	2.4
	~	Mackall Bros Church & Stephenson	Lumber	2. 4 27. 9
		W. B. Moses & Sons.	Ice chests, etc	24.8
		W II Decom	Electric wine	3.0
		Wn. Walter Security Storage Co Herbert A. Smith J. V. Doniphan T. Balfour C. S. Crandall	Repairing tripod	. 7
	5	Security Storage Co	Storage, etc. Salarydo	10.0
		Herbert A. Smith	Salary	14.0
		J. V. Doniphan	do	14. (24. 7 24. 7
		T. Ballour	dodo	170.4
			do	164.8
	6	R. S. Kellogg Geo. L. Clothier W. L. Hall H. M. Curran	Traveling expenses	61.1
		Geo. L. Clothier	do	74.8
		W. L. Hall	Salarydo	115.4
		H. M. Curran	do	40.8
	8	do .	Photographic supplies	39. €
	9	Houghton & Delano Eugene S. Bruce	Photographic supplies	6.6
	10	Eugene S. Bruce	Traveling expenses	92.8
	11	L. Č. Miller	do	108
	13,	Wm. L. Hall Jno. C. Parker	Fasteners	108.
		A Ackerman	Salary	1.3 13.1 42.6
	16	A. Ackerman Anson E. Cahoon	Salary Traveling expenses	42 (
	10	R. S. Kellogg	do	27.8
	17	Wm. L. Hall	do	82.8
		Geo. L. Clothier	do	49.
	19	L. C. Miller	do	73.2
	20	H.B.Kempton	Expenses	124. (
	23	R. S. Kellogg	Expenses	33.
	00	L. C. Miller	Passenger transportation	15.
	26	R. S. Kellogg L. C. Miller Baltimore and Ohio R. R. Co The Atchison. Topeka and Santa Fe Rwy.	Passenger transportationdo	28. 3 3. 2
	01	UO.		
	31	Neely Electric Co	Annunciator	4. 0 3. 6
ug	. 2	Oneen & Co. Inc	Engraving Dividers, etc	6.2
us	. ~	Pennsylvania R. R. Co	Passenger transportation	54.8
		Bangor and Aroostook R. R. Co	do	16.0
	ļ	Queen & Co., Inc. Pennsylvania R. R. Co. Bangor and Aroostook R. R. Co The New York, New Haven and Hartford	do	16.0 5.5
		K. K. Co.		
	3	The Maurice Joyce Engraving Co	Plate Passenger transportation	
	5	New York Central and Hudson River R. R.	Passenger transportation	16.1
	0	Co.	G-1	94.5
	6	W. R. Dudley Leonard Bronson	Salary	24.
		do	do do	24. 7 25. 6
	9	J. W. Toumey	Traveling expenses	11 3
	12	Rudolph, West & Co	Screws, etc	. :
		J. W. Toumey Rudolph, West & Co The Geo. W. Knox Express Co	Screws, etc Transportation	3.
			Salary	13 '
	20	Manhattan Electric Supply Co	Wire	1.0 17.3 24.3 56.3
	21-	Manhattan Electric Supply Co Chesapeake and Potomac Telephone Co W. L. Wallace	Service	17.5
	00	W.L. Wallace	Salary. Traveling expenses	24.
4	29	Henry S. Graves	Traveling expenses	56.3
pt	. 4	Alfred Ackerman The Press Clipping Bureau	do	42. 4 23. 9
	7	W. L. Hall	ClippingsExpenses	6.
et.		International and Great Northern R. R. Co.	Passenger transportation	42.
	*	Houston and Texas Central R. R. Co	do	13.
		Missouri, Kansas and Texas Rwy. Co	do	7.
	5	Boston and Maine R. R. Co	do	6.4
		Houston and Texas Central R. R. Co. Missouri, Kansas and Texas Rwy, Co. Boston and Maine R. R. Co. New York Central and Hudson River R. R.	do	22.5
		Co.	_	
	10	Union Pacific R. R. Co-Postal Telegraph Cable Co-	Service	5.
	12	Postai Telegraph Cable Co	Service	6.
		Total		3,761.3
				0,,02.

 First quarter
 \$15,433.32

 Second quarter
 22,635.86

 Third quarter
 18,965.05

 Fourth quarter
 15,920.29

 Supplemental
 3,761.32

Supplemental

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. APPALACHIAN MOUNTAIN REGION.

Date.	Name.	Nature of payment.	Total.
1900. Aug. 16 22 Sept. 5 19 22	Walter Mulford. H. B. Ayres do W. W. Ashe. A. E. Cates. H. B. Ayres Total first quarter	Traveling expenses Office expenses Traveling expenses Salary do Expenses	\$26, 90 88, 81 71, 12 170, 00 41, 61 49, 70
Oct. 3 5 12 30 Nov. 1 3 12 Dec. 21 11	Walter Mulford C. D. Ruland H. B. Ayres J. A. Suit. W. W. Ashe A. E. Cates. W. W. Ashe J. A. Suit A. E. Cates. J. A. Suit A. E. Cates J. A. Suit A. E. Cates J. A. Suit W. W. Ashe	Salary	62.83 37.53 57.53 59.14 9.75 65.80 15.00 28.33 26.93 81.41 18.00 79.51 15.50 24.40 85.00
1901. Jan. 2 16	Total second quarter W. W. Ashedo Total third quarter	SalaryTraveling expenses	85.00 380.85 465.85
Apr. 11	H. B. Ayres do do do Total fourth quarter	Traveling expensesdodododo	92.35 129.45 47.50 102.40 371.70
Finat on	RECAPITULA	TION.	Ø440 14

First quarter	\$448.14
Second quarter	609.13
Third quarter	465.85
Fourth quarter	371.70
*	

EXPERIMENTAL GARDENS AND GROUNDS.

Date.	Name.	Nature of payment.	Total.
1900. July 7 21 31 Aug. 3 114 25 35 35 Sept. 7 12	Christopher Hayes do Jas. K. Kerr et al Paul Hiser, jr., & Bro Christopher Hayes Hugh Reilly Ernest Betz Thos. Somerville & Sons. Rudolph, West & Co United States Electric Lighting Co. Church & Stephenson Jas. K. Kerr et al Exter Machine Works Henry A. Dreer, Incorporated United States Electric Lighting Co. Ernest Betz. Chas. Becker Jas. K. Kerr et al	do Salaries Flower pots Peat Glass Making iron pan Tanks Hardware Electric light Lumber Salaries Repairing boiler Smilax plants Lighting grounds Pipe Lead	60,00 1,551.37 40.00 24.00 30.00 1.50 5.50 3.94 77.50 38.75 1,559.20 13.50 2.50 4.50
Oct. 10 12	Total first quarter Edw. S. Schmidt. Church & Stephenson Chas. Becker	Plant stakes Lumber	32.50 57.00

EXPERIMENTAL GARDENS AND GROUNDS—Continued.

	EXPERIMENTAL GARDENS AN		
Date.	Name.	Nature of payment.	Total.
1901.	United States Electric Lighting Co	Tieldin or our de	ô≈1 no
Oct. 16	W. A. Manda	Lighting grounds	\$71.92 88.00
24 27	Matthew Myers	Manure	37.56
30	Geo. F. Muth & Co	Manure Lead, tools, etc Paints	39.52 13.16
	Forsberg & Murray	Boiler plate	15.10
31	Jas. K. Kerr et al	Boiler plate Salaries Grass seeds	1,928.32
Nov. 1	Chas. Brent	Manure	14.00 45.00
2	The Cottage Gardens	Carnations	16.00
14	Peter Henderson & Co	Carnations Pansy plants Oranges, etc	3,00
16	G. L. Taber	Oranges, etc	9.85 4.20
17	Rudolph, West & Co	Grass seed Bolts and screws Tank heater	2.60
	The W. W. Biggs Heating and Ventilating	Tank heater	35.00
21	Co. Church & Stanhanson		66.93
W.I.	Paul Hiser, jr., & Bro	Flower pots	43.90
05	Albert M. Herr	Pansy plants	4.00
27 30	Jas K Kerr et al	Plower pots Pansy plants Pipe, etc Salaries Japonica	30.00 1,343.55
Dec. 3	E. J. Rawlings	Japonica	1.00
	Church & Stephenson Paul Hiser, jr., & Bro Albert M. Herr. Thos. Somerville & Sons Jas. K. Kerr et al E. J. Rawlings The W. W. Biggs Heating and Ventilating	Radiators	26.00
6	Denvs Zirngiehel	Pansy seeds	2.00
	Geo. Meier & Co	Bronzo	2.13
14	Geo. Meier & Co. A. & G. Rossbach. Peter Henderson & Co. Z. D. Gilman	Plants Plants, etc Thermometers	3.00
17	Z. D. Gilman	Thermometers	16.29 15.00
	Wm. Ryan Church & Stephenson Jno. H. Ley	Manure Lumber Ferns	4.00 13.59
	Church & Stephenson	Lumber	13. 59 3. 00
	N. Studer		20.00
01	N. Studer M. Du Perow United States Electric Lighting Co	Speaking tubes	6.10
21	United States Electric Lighting Codo	Arch lights	74.88 73.36
29	German Seed and Plant Co	Seeds	4.30
91	Jas. B. Lambie	Speaking tubes Arch lights Lighting grounds Seeds Flatiron	. 53
31	Jas. K. Kerr et al	Salaries	1,306 57
1001	Total second quarter		5, 491. 45
1901. Jan. 3	P. C. Berckmanns Co	Plants	17.00
oun.	P. C. Berckmanns Co Peter Henderson & Co W. H. Butler Rudolph, West & Co United States Electric Lighting Co. Henry A. Dreer, Incorporated Library Bureau Jas. E. Albinson Blue Line Transfer Co. E. M. Byrnes et al	Carnations	30.70
14	W. H. Butler	Carnations Paint	3.00
16	Hudolph, West & Co	Screws Lighting grounds Seeds	. 69 77. 45
19	Henry A. Dreer, Incorporated	Seeds .	6.50
21	Library Bureau	Cards	2.90
21 24 26	Blue Line Transfer Co	Transportation	10.60
31	E. M. Byrnes et al.		1.89 1,274.05 22.00
Feb. 5	The Jno. A. Doyle Co	Koses	22.00
12	E. M. Byrnes et al. The Jno. A. Doyle Co. Church & Stephenson The Chesapeake and Potomac Telephone	Lumber Telephone rent	15. 28 4. 35
10	Co.		
18	Co. J. P. Brass C. Becker Paul Hiser, jr., & Bro. Thos. Somerville & Sons. Geo. F. Muth & Co. J. T. Walker Sons United States Electric Lighting Co. Edwd. S. Schmidt Adams Express Co.	Sand Horse blankets	7.00 7.00
21 26	Paul Hiser, jr., & Bro	Flower pots Plumbing Lanterns Lime Electric lights Nicotine Transportation Charte	40.20
26	Thos. Somerville & Sons	Plumbing	6.29
	J. T. Walker Sons	Lime	1.00
	United States Electric Lighting Co	Electric lights	.75 77.50
27	Edwd. S. Schmidt	Nicotine	3.60
28	The Draper Manufacturing Co	Transportation Charts	. 55 1. 56
	E. M. Byrnes et al	Salaries Soap	1,211.10
Mar. 5	Edwd. S. Schmidt Adams Express Co The Draper Manufacturing Co. E. M. Byrnes et al Mackall Bros Jas. B. Lambie Rudolph, West & Co. do. Paul Hiser, ir. & Bro	Soap	6.00
14	Rudolph, West & Co	Padlocks	3.50 3.51
	do	Hooks, etc	7.02
18	Paul Hiser, jr., & Bro	Flower pots	35.00
21	Church & Stephenson	Lumber	7.36 41.54
19 21 23 25	Peter Henderson & Co	Labels	7.18
25	Rudolph, West & Co	Wire cloth	19.08
30	Paul Hiser, jr., & Bro. Thos. Somerville & Sons. Church & Stephenson Peter Henderson & Co. Rudolph. West & Co. United States Electric Lighting Co. E. M. Byrnes et al.	Soap Files, etc Padlocks Hooks, etc Flower pots Boiler fittings Lumber Labels Wire cloth Lighting grounds Salaries	69.44 1,293.91
	Total third quarter		4, 325. 50
	· · · · · · · · · · · · · · · · · · ·		-,

EXPERIMENTAL GARDENS AND GROUNDS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.	,		
pr. 2	J. T. Walker Sons	Lime	\$25.
•	Ernest Betz	Repairs to boiler	3.
	E. S. Schmid Paul Hiser, jr., & Bro	Nicoticide	3. 7.
9	Paul Hiser, jr., & Bro	Flower pots	60.
16	Chas. R. Edmonston Rudolph, West & Co	Jars Hardware	7. 5.
17	H H Brooke	Grass seed	3.
18	J. P. Nawrath United States Electric Lighting Co. Geo. F. Muth & Co.	Twine	2.
20 24 25	United States Electric Lighting Co	Lighting grounds	2. 77.
24	Geo. F. Muth & Co	Paints	36.
20	Peter Henderson & Co	Grass seeds Seeds	8. 3.
	Hiram T. Jones. Henry A. Dreer, Incorporated	dodo	9.
	do	Plants	9.
	Edwd. S. Schmid	Moss	1.
	Jno. Bogle	Plants	15.
27	Chas. White	Sod	$\frac{4}{7}$.
	United States Express Co	Transportation	19
30	Adams Express Co E. M. Byrnes et al H. Weber & Sons	Salaries	13. 1,334.
ay 2	H. Weber & Sons	Carnations	17.
4	S. P. Johnson	Spring for typewriter	
	S. P. Johnson Wyckoff, Seamans & Benedict	Repairing typewriter	21.
13	Edwd. S. Schmid Henry A. Dreer, Incorporated United States Electric Lighting Co	Moss Chrysanthemums	7.
16	United States Floatric Lighting Co	Lighting grounds	5. 82.
10	Edwd S Schmid	Punk	3.
	Edwd. S. Schmid	Punk Telephone service	7.
	Co.		
- 44	Jno. C. Parker Rudolph, West & Co	Pencil pointer	3.
17	Rudolph, West & Co	Iron basins	1.
	Church & Stanhanson	Hinges Lumber	113.
20	Church & Stephenson Library Bureau J. Louis Loose The Geo. W. Knox Express Co	Cards	2.
27	J. Louis Loose	Lily plants	18.
28	The Geo. W. Knox Express Co	Drayage Shears, etc.	2.
	The Geo. W. Khox Express Co. Jas. B. Lambie Edwd. S. Schmid E. M. Byrnes et al Ernest Betz. Harry Hoskinson.	Shears, etc	14.
91	Edwd. S. Schmid	Moss	1 224
31 ne 4	E. M. Byrnes et al	Salaries Sprinklers	1,334. 2.
11	Harry Hoskinson	Seeds	ã.
	Chas. Becker Jno. C. Parker Edw. S. Schmid	Linseed on.	3.
	Jno. C. Parker	Paraffin paper	14.
	Edw. S. Schmid	Packing moss Hose menders	7.
13	do	Gravel	1. 5.
10	Rudolph West & Co	Trowels	1.
14	Louis Hartig	Pullev	Į.
	J. M. Thorburn & Co	PulleyLawn sprinkler	5.
17	Louis Hartig J. M. Thorburn & Co P. N. Heiskell, jr., & Co	Mower, etc	44.
	do	Mower sections	5.
	do Church & Stephenson	Rivets	117. 36.
	do	do	36.
18	do Jas. B. Lambie	Nails	5.
	J. T. Walker Sons	Lime Tinning	6.
	W m. Minnis	Tinning	36. 1.
19	Wm. Minnis C. M. Wolf & Co W. B. Moses & Sons The Maurice Joyce Engraving Co	Baskets	1. 5.
21	The Maurice Joyce Engraving Co	Making labels	12.
74.3.	Chas. Becker	Oil	6.
	Chas. Becker Thos W. Smith Church & Stephenson J. W. Lynch C. R. Baird & Co J. T. Willard Chas. Readen	Window frames, etc	59.
	Church & Stephenson	Lumber Plastering, etc. Sweet potatoes	15.
	C. P. Reind & Co.	Plastering, etc.	50. 1.
25	J. T. Willard	do	1.
190	Chas. Becker	Liquid granite	2.
	Geo. F. Muth & Co	Paints, etc Arc lamps	3.
27	Chas. Becker Geo. F. Muth & Co. United States Electric Lighting Co	Arc lamps	77.
28	Rudolph, West & Co E. Morrison Paper Co. Hugh Reilly	Locks, etc.	1.
	E. Morrison Paper Co	Yellow paper	1. 1.
	do	Paintdo	1.
29	E. M. Byrnes et al	Salaries	1,062.
,		-	
	Total fourth quarter		4,882.
	Supplemental.		
ly 2	W. H. Butler Adams Express Co	Whiting	1.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. July 5 13 17 18 19 Aug. 22 21	Supplemental—Continued. Adams Express Co. Rudolph, West & Codo	Screws. Tape line, etc Wall brushes, etc Mouse traps Seed sweet potatoes Transportation Use arc lamp Doors Seeds. Transportation Service.	\$10.20 .81 2.32 9.57 2.54 1.90 82.31 10.80 8.05 22.90 7.00

RECAPITULATION.

First quarter	\$5, 114, 83
Second quarter	5, 491, 45
Third quarter	4, 325, 50
Fourth quarter	4, 882, 65
Supplemental	161.40
••	
Total	19,975.83

SOIL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1900.			
July 23	Queen & Company, Inc		\$5.00
31	M. L. Floyd et al		1,311.17
Aug. 1	Eimer & Amend		72.00
11	Geo. N. Coffey		17.72
	Jno. G. Holmes	Services	75.00
17	J. A. Bonsteel C. W. Dorsey		84. 20 9. 19
14	c. w.borsey	Office expenses	9. 19 86. 58
18	Frank D. Gardner	do	85.07
10	Thos. H. Means	do	108,00
	go	Office expenses	9, 89
20	do Bausch & Lomb Optical Co	Supplies	2.78
21	United States Electric Lighting Co	Light	6.66
	Washington Gas Light Co	Gas	2.20
	Macy H. Lapham	Traveling expenses	34.75
22	J. A. Bonsteel		77.75
	R. T. A. Burke	do	44.96
	Fredk. Carl	Making filter	9.70
	Milton Whitney Thos. Somerville & Sons		132.11 5.20
31	M. L. Floyd et al	Augers	1, 285, 09
Sept. 8	do		34. 31
12	Washington Gas Light Co	Gas	3.50
13	Jno. G. Holmes	Salary	75, 00
15	C. W. Dorsey	Traveling avnenges	92.09
17	United States Electric Lighting Co	Electric current	7.34
	Milton Whitney	Traveling expenses	37.70
19	C. W. Dorsey New York Central and Hudson River R.	Expenses Passenger transportation	13.72
21	R. Co.		66.80
	Frank D. Gardner		98.50
	R. T. A. Burke	do	24.00
	J. A. Bonsteel	do	76.05
94	Macy H. Lapham	do	29.12
24 29	Geo. N. Coffey M. L. Floyd et al	C-l-vi-	53.76
20	BI. L. Floyd et al	Salaries	1,295.95
	Total first quarter		5, 372.86
Oct. 1	J. A. Bonsteel	Colomy	165, 80
4	A. Weiskettel & Son	Salary	17.28
1	Milton Whitney	Traveling agnonege	58.22
5	Pennsylvania R. R. Co	Degree to the control of the control	6.79

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Oct. 9	Jno. G. Holmes	Salary	\$75.00
10	Woodward & Lothrop	Saucepans	\$75.00 2.70
12	J. A. Bonsteel Thos. H. Means	Traveling expenses	72.55
	do	Expenses	145. 95 12. 85
	Mackall Bros	Expenses Laboratory supplies	2.60
15	Whitall, Tatum & Co	Beakers	11.65
16	Houghton & Delano	Slides Electric current	1.20
	Houghton & Delano United States Electric Lighting Co Washington Gas Light Co	Gas	6.55 2.60
24	Frank D. Gardner	Traveling expenses	130.60
	Frank D. Gardner. New York, New Haven and Hartford R. R.	Passenger transportation	18.15
	Co.	do	12.05
	Seaboard Air Line Rwy Co Southern California Rwy Co	do	77.75
	Pennsylvania R. R. Co	do	47.16
	Pennsylvania R. R. Co The Rio Grande Western Rwy Co Atlantic and North Carolina R. R. Co Thos. Means	do	6.50
26	Thes Moons	Two voling owners	1.90 47.95
30	C. W. Dorsey	do	155.60
	C. W. Dorsey Thos. Somerville & Sons	Repairing boilers	22.70
0.1	R. T. A. Burke	Traveling expenses	16.45
Nov. 1	R. T. A. Burke M. L. Floyd et al Marcel Cordove	Salaries	1,370.10 27.50
1101. 1	J. A. Du Bon	dodo	115.00
	J. A. Bonsteel	do	84. 20
	C. A. Jensen	do	40.40
3	J. G. Holmes The Chesapeake and Potomac Telephone	Telephone service	75. 00 6. 25
9	Co.	retephone service	0.20
	do	do	. 83
7	Wm. H. Rau	Colored slides	9.50
9 12	C. A. Jensen J. A. Bonsteel	Traveling expenses	20.45 66.10
17	Mackall Bros	Chemicals	13.97
	Mackall Bros Frank D. Gardner	do Chemicals Traveling expenses	86.22 171.35
23	J. G. Holmes	Passenger transportation	171.35
24 27	Z D Gilman	Passenger transportation	62.55 1.50
21	J. G. Holmes Baltimore and Ohio R. R. Co Z. D. Gilman United States Electric Lighting Co	Triangles Electric current	8.54
	washington Gas Light Co	Gas.	8.54 9.70 1,466.00
30	M. L. Floyd et al	Salaries	1,466.00
Dec. 1	Jno. A. Du Bon	Salary Traveling expenses	75.00 41.38
	J. A. Bonsteel Jno. G. Holmes	Salary	75.00
2	Emil Grainer	Tonge	4.50
5	Geo. B. Massey Forsberg & Murray. Rudolph, West & Co. Pennsylvania Co Atlantic Coast Line R. R. Co.	Translate of the state of the s	4.10 58.00
J	Rudolph, West & Co.	Smokestack	. 23
	Pennsylvania Co	Passenger transportation	11.75
0	Atlantic Coast Line R. R. Co	Passenger transportationdo Traveling expenses	8.60
6 7	M. L. Floyd Milton Whitney	Traveling expenses	54. 33 34. 05
1.0	do	do do	31.60
10	M. L. Floyd Milton Whitney J. G. Holmes	Expenses	5.75 100.80
11			100.80 20.80
11 14	Fredk. Carl P. F. Van Everen Z. D. Gilman Rudolph, West & Co	Labels	3.00
17	Z. D. Gilman	Labels Desiccators	15.22
	Rudolph, West & Co	Brads, etc	1.40
	M.Du Perow	Switches	2. 22 81. 60
18	Library Bureau	Salary Guides	1 28
19	Jno. Springman	Grate bars	14.00
20	The Kny Sheerer Co	Burners	1.00
21	J. A. Bonsteel Library Bureau Jno. Springman The Kny Sheerer Co Baltimore and Ohio R. R. Co United States Electric Lighting Co Washington Gas Light Co	Passenger transportation Electric light	14.00 8.69
7.7	Washington Gas Light Co	Gas	7.90
26	M. L. Floyd Albert E. Acker & Co	Traveling expenses	42.49
90	Church & Stephenger	Tube, coupling, etc	10. 25 19. 16
29	Church & Stephensondo	Lumber	39.36
	Jas. B. Lambie	Hinges	. 32
31	do Jas. B. Lambie F. D. Gardner et al	Salaries	1,619.70
	Total second quarter		7, 161. 19
	rotal second quarter	, , ,, ,, ,	1,101.10
1901.		_	10.00
		Passenger transportation	48. 20
Jan. 2	Penusylvania R.R.Co Cleveland, Cincinnati, Chicago and St.	do	48.20 17.20

SOIL INVESTIGATIONS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.	·		
Jan. 2	The Rio Grande and Western Rwy. Co Central R. R. Co. of New Jersey Pennsylvania Co	Passenger transportation	\$100.25
	Pennsylvania Co	dodo	6.50 11.00
	J. A. Du Bon	Salary	75.00
3	J. A. Du Bon Bausch & Lomb Optical Co Whital, Tatum & Co Eimer & Amend	Salary Cylinders Beakers, etc Seives, etc	3.32
4	Fimer & Amend	Seives etc	16.66 12.70
$\hat{7}$	Mackall Bros Church & Stephenson Milton Whitney J. A. Bonsteel	Chemicals Lumber Traveling expenses	19.17
10	Church & Stephenson	Lumber,	6.00
12	J A Ronsteel	do	$16.19 \\ 6.25$
	M.L. Floyd Houghton & Delano E. J. Pullman Chas. R. Edmontson	do do Photo supplies do	26.90
14	Houghton & Delano	Photo supplies	4.99
	Chas R. Edmontson	Filter and tube	5.80 6.55
	Barber & Ross	Steel figures	38. 52
10	Z. D. Gilman	Jars and glasses	38.52
16 18	Ino C Parker	Manila naper	10.00 9.68
21	Eimer & Amend	Tubes	6.25
00	Whital, Tatum & Co	Glass and tubes	1.41 1.04
22	Barber & Ross Z. D. Gilman Washington Gas Light Co. Jno. C. Parker Eimer & Amend Whital, Tatum & Co Thos. Somerville & Sons. United States Electric Lighting Co. Jno. A. Du Bon	Manila paper Tubes Glass and tubes Gas connections Electric current	1.04 8.68
22 24 26 31 Feb. 1	Jno. A. Du Bon Frank D. Gardner et al E. J. Pullman Geo. B. Massey Southern California Rwy. Co.		33.87
31	Frank D. Gardner et al	Salaries	1,641.50
Feb. 1	Geo R Massey	Traveling expenses	6. 50 6. 93
6	Southern California Rwy. Co.	Salary Salaries Lantern slides Traveling expenses Passenger transportation do do	140.25
	New York, New Haven and Hartford R. R.	do	54.80
	Co.	do	15. 55
	do	do	6.80
	Pennsylvania Co Baltimore and Ohio R. R. Co	dododo	23.35 17.50
	Pennsylvania R. R. Co	do	32. 55
	Pennsylvania R. R. Co do The Chesapeake and Potomac Telephone	Telephone rent	21.59
12	The Chesapeake and Potomac Telephone	Telephone rent	6.25
	Co. do	do	. 75
19	Whital, Tatum & Co J. T. Walker Sons Rudolph, West & Co	FlasksFelt	4.98
26	J. T. Walker Sons	Turns	. 40
	Z. D. Gilman	Stoppers, tubing, etc	. 81 6. 40
	United States Electric Lighting Co	Electric current	8.36
27	Z. D. Gilman United States Electric Lighting Co Washington Gaslight Co Adams Express Co Frank D. Gardner et al. Milton Whitney Geo. B. Massey E. J. Pullman Bausch & Lomb Optical Co Whitall, Tatum & Co Fred. A. Schmidt Mackall Bros	Stoppers, tubing, etc Electric current Gas Transportation	14.00
28	Frank D. Gardner et al.	Salaries	4. 66 1, 523. 60
Mar. 5	Milton Whitney	Traveling expenses	9.10
12 14	Geo. B. Massey	Namatina of man	6. 45 5. 00
18	Bausch & Lomb Optical Co	Laboratory supplies	11.48
	Whitall, Tatum & Co	Bottles	1.08
19	Mackall Bros	Metal tapes	10. 40 14. 12
	M. Du Perow	Transportation Salaries Traveling expensesdo Negative of map Laboratory supplies Bottles Metal tapes Chemicals Electrical supplies Engraving Odometers Traveling expenses	3.25
21	M. Du Perow J. Manz Engraving Co S. H. Davis & Co M. L. Floyd	Engraving	22.00
23	S. H. Davis & Co M. L. Floyd	Udometers	45.00 7.27
	do	do	23.04
25	do Washington Gaslight Co United States Electric Lighting Co The Chesapeake and Potomac Telephone	Gas Electric current Telephone service	12.10
	The Chesaneake and Potomac Telephone	Telephone service	9.70 .60
	Co.	Telephone service	.00
30	M. L. Floyd et al	Salaries	1,842.70
	Total third quarter		6, 053. 45
Apr. 1	Pennsylvania R. R. Co.	Passenger transportation	6.20 11.25
	do Hainibal and St. Joseph R. R.Co. Southern Pacific Co.	do	23.80
	Southern Pacific Co	do	23.80 3.60
0	Lando	Belting, etc.	28, 50 2, 76
2	Jas. B. Lambie		2.76 5.31
	Wm. H. Dyer	Chemicals Instrument cases Copper boxes Trunks	26.25
	Ino W Colling & Son	Copper boxes	6. 50 30. 00
	The Art Collins & Boll		
	Jas B. Lambie Mackall Bros Wm. H. Dyer Jno. W. Collins & Son Jas. S. Topham Z. D. Gilman Emil Greiner	Trunks Desiccators, etc Rubber bulbs	30.00 13.14

E

24, 269.84

$Expenditures \ of \ Department \ of \ Agriculture \ for \ year \ ending \ June \ 30, 1901-{\tt Cont'd}.$

SOIL INVESTIGATIONS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
pr. 3	W. & L. E. Gurley Rudolph, West & Co.	Compasses, etc	\$85.88
9	Rudolph, West & Co	Auger, etc	16.96
12	Z. D. Gilman	Bulbs and tubing	3.70 13.95
12	Z. D. Gilman Eimer & Amend Manhattan Electric Supply Co. Schnieder Bros. Bausch & Lomb Optical Co Eimer & Amend E. C. Howell Houghton & Delano United States Electric Lighting Co. Washington Gaslight Co. Thos. Somerville & Sons do	Auger, etc Bulbs and tubing Burettes Pliers	3.90
1	Schnieder Bros	Thermometers	12.00
16	Bausch & Lomb Optical Co	Tubes, etc	7.44 23.20
19	Elmer & Amend	Air pump Picks Borax Electric current	23. 20 27. 00
20	Houghton & Delano	Borax	21.00
	United States Electric Lighting Co	Electric current	. 88 12. 86
00	Washington Gaslight Co	Gas	12.60
22	Thos. Somerville & Sons	Repairs to boiler Work on cylinder Passenger transportation	22.4
- 1	The New York New Haven and Hartford	Passenger transportation	1.8 8.7
	Thos. Somerville & Sons do The New York, New Haven and Hartford R. R. Co.	T donoring of brainsport tation trivia	0.,
24		Laboratory apparatus	39.7
24	do United States Express Co Adams Express Co	do	6. 7. 1. 3
27	Adams Express Co	Transportation	2.0
30	F. K. Cameron et al.	Salaries	1,579.1
Iay 3	F. K. Cameron et al. The Chesapeake and Potomac Telephone	Salaries	1,579.1 7.0
-	Co.		
8	Western Union Telegraph Co	Telegraph service	4.5
16	United States Electric Lighting Co	do	2.8 13.9
17	Frederick Carl	Annaratus	11.0
$\frac{17}{27}$	Pennsylvania R. R. Co	Passenger transportation	18.5
,,,,	Frederick Carl Pennsylvania R. R. Co The New York, Hew Haven and Hartford	do	18.5 8.7
	R. R. Co.		0.4
28	Western Union Telegraph Co	Telegraph services	3.4
	do do	do	3. 4 3. 7 1. 3
	do	dodo	1.6
31	do F. K. Cameron et al Washington Gaslight Co. Z. D. Gilman	Salariae	1 618 6
une 4	Washington Gaslight Co	Gas	9.2
11	Z. D. Gilman	Gas. Flasks, etc Fan	9. 2 32. 3 12. 9
14	M. Du Perow Whitall, Tatum & Co		11.0
15		Tags	2.1
17	Fredk. Carl	Tags Filter pumps Batteries Wrenches	24.0
18	H. C. Roberts Electrical Supply Co	Batteries	4.8
21	Fredk. Carl H. C. Roberts Electrical Supply Co. James B. Lambie Western Union Telegraph Co. E. J. Pullman E. Morrison Paper Co. United States Electric Lighting Co. Westington Gaslight Co.	Service	2. 5 4. 9
22	E. f. Pullman	Photo paper	3.0
22 24 27	E. Morrison Paper Co	Photo paper Manila paper Electric current	4.5
27	United States Electric Lighting Co	Electric current	9.0
29	Washington Gaslight Co F. K. Cameron et al	Gas Salaries	14.1 1,602.8
29	r. K. Cameron et al	Salaries	1,00%.0
	Total fourth quarter		5,477.0
		-	
	Supplemental.		
uly 2	Dulin & Martin Co	Stow pans	3.2
uly 2	Jno. R. Galloway	Stew pans	37.0
5	Adams Express Co	Transportation	4.3
13	Jun & Martin Co Jun & Galloway Adams Express Co Houghton & Delano. United States Electrical Co Washington Gaslight Co	Fan Transportation Hydrichon Electric current	7.8
19	United States Electrical Co	Electric current	$\frac{7.5}{11.6}$
110 3	Ino C Parker		10. 5
ug. 3	The Geo. W. Knox Express Co	Pamphlet covers Transportation do Services	4.2
	do	do	1. 5 7. 0
21	The Chesapeake and Potomac Telephone	Services	7.0
22	Co. Z. D. Gilman	Filter tubes, etc	7.8
AA	a. D. Gilman	Filter tubes, etc	1.6
	Total		95.2
		3	
	RECAPITULA		
irst qu	arter		\$5,482.8
econd o	quarter		7,161.1 6,053.4
0.2			
hird qu	uarter uarter uarter uarter		5,477.6

SOIL INVESTIGATIONS.

[Appropriation for 1901–2.]

Date.	Name.	Nature of payment.	Total.
1901.			
Mar. 23	M. L. Floyd Geo. Russell Taggart	Traveling expenses Salary	\$32.36 38.89
	Total third quarter, 1901		71.19
Apr. 1	Henriette Burley	Washing sacks	3.5
2	Henriette Burley R. P. Clarke Co C. W. Dorsey Geo. B. Massey Jno. A. Bonsteel F. J. Parkers	Sheeting Traveling expensesdo	3.0
4	C. W. Dorsey	Traveling expenses	8. 8 8. 5
8	Ino A Ronsteel	do	5.4
9		do Photo supplies Making sacks	7.9
10	Agnes Hinton Jas. B. Lambie	Making sacks	24.0
12	Jas. B. Lamble	Iron	$\frac{1.0}{12.0}$
1.~	W. G. Smith	Traveling expenses	21. 7
13	B.B. Shelfer W. G. Smith F. P. Veitch M. H. Lapham	Seeds Traveling expenses	21. 7. 17. 5
16	M. H. Lapham S. P. Johnson	Caligraph	$\frac{40.1}{67.5}$
	Mackall Bros	Silvannitrata	3. 4
18 24	J.G. Holmes Whitall, Tatum & Co	Traveling expenses	43.6
24 30	Whitall, Tatum & Co	Beakers	2. 5 587. 5
May 1	F I Pullman	Traveling expenses Beakers Salaries Plates	7.9
Jacky 1	Geo. T. McNess W. H. Heileman J. O. Martin	Salary	98.9
	W. H. Heileman	do	98.9
	Chas N Mooney	do	82. 44 40. 0
	H.J. Wilder	do	40.0
	Thos. D. Rice	do	40.0
	Louis Messmer	do	40. 0 40. 0
	Frank Bennett, ir	do	40.0
	B. A. Olshansen	do	40.0
	W.E. Hearn	do	40.0
	J. E. Lapham	do	40. 0 40. 0
	Hugh McGuigan	do	40.0
2	y. h. Helleman Chas. N. Mooney H. J. Wilder Thos. D. Rice Louis Messmer J. B. Stewart Frank Bennett, jr B. A. Olshansen W. E. Hearn E. C. McDuffie J. E. Lapham Hugh McGuigan G. Cramer Dry Plate Co Defender Photo Supply Co deo. B. Massey Milton Whitney J. A. Bonsteel Thos. A. Means Geo. T. McNess E. C. McDuffie W. & L. C. Gurley	Plates	7. 9: 1. 2:
4	Defender Photo Supply Co	Blue-print paper	12.0
1	Milton Whitney	do	10.89
7	J. A. Bonsteel	do	215. 4 34. 3 12. 8
11	Thos. A. Means	do	34.30
11	E. C. McDuffie	do	4.1
13	W. & L. C. Gurley J. B. Stewart	Compasses	4. 1 13. 2 19. 3
16	J. B. Stewart Mackall Bros	Salary Chemicals	19.3 10.8
	Z. D. Gilman	Filter paper	4.9
17	Z. D. Gilman Thos. Somerville & Sons	Filter paper Fittings Traveling expenses Expenses	82. 0 13. 8
20	M.L. Floyd	Traveling expenses	82.0
	Hugh McGuigan	Salary	6.4
21 24	Houghton & Delano	Photo supplies Traveling expenses	6.6
24	Chas. A. Jensen	Traveling expenses	113.8
	M H Lanham	dododo	119. 5 130. 4
	do Hugh McGuigan Houghton & Delano Chas, A. Jensen J. G. Holmes M. H. Lapham Eimer & Amend Southers Rwy, Co	Apparatus	14.5
27	Eimer & Amend Southern Rwy. Co. Pennsylvania R. R. Co. D. F. Parker M. L. Floyd et al H. J. Wilder J. E. Lapham J. O. Martin Geo. T. McNess	Passenger transportationdo Typewriter stand	14. 5 77. 0 25. 2 4. 7
28	Pennsylvania R. R. Co	Typowritor stand	25.2
20	M. L. Floyd et al	Salaries	736.5
June 1	H.J. Wilder	Salarydo	40.0
	J. E. Lapham	do	40. 0 85. 2
	Geo. T. McNess	do	102.2
	Thos. D. Rice Chas. M. Mooney F. Bennett, jr W. E. Hearn	do	40.0
	Chas. M. Mooney	do	40.0 40.0
	W. E. Hearn	do	40.0
	B. A. Olshansen E. C. McDuffie L. Messmer	do	40.0
	E. C. McDuffie	do	40.0
	W.H. Hileman	do	40.0 102.2
4	B. Hessiner W. H. Hileman Baltimore & Ohio R. R. Co. Seaboard Air Line Rwy. Co. Pennsylvania R. R. Co. J. A. Bonsteel	Passenger transportation	17. 0
	Seaboard Air Line Rwy. Co.	do	25. 2 114. 2

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901. June 7 11 13 14 15 18 22 24 25	C. W. Dorsey W. G. Smith Geo. B. Massey Milton Whitney M. H. Lapham Thos. H. Kearney J. G. Holmes Chas. A. Jensen E. J. Pullman Rudolph, West & Co R. P. Clarke & Co Western Electric Co M. L. Floyd G. T. McNess do Pennsylvania R. R. Co New York, New Haven and Hartford R. R. Co Southern Rwy. Co	do do do do do do do do do Carbon paper Augers Muslin Coils for thermometers Traveling expenses Expenses Traveling expenses Passenger transportation do do	34. 52 13. 60 68. 44 122. 50 45. 60 124. 65 120. 75 5. 63 4. 00 80. 90 4. 50 21. 43 9. 50 9. 50 78. 40
28 29	The Maurice Joyce Engraving Co	SalarydoSalaries	82.40 40.00 732.30
	Total fourth quarter		6,034.82

RECAPITULATION.

Third quarter Fourth quarter	$ \begin{array}{r} \$71.19 \\ 6,034.82 \end{array} $
Total	6,106,01

RENT OF BUILDING.

Date.	Name.	Nature of payment.	Total.
1900. Aug. 14 Sept. 5	Jno.F. Sheado	do	\$55.00 55.00
Oct. 20 Nov. 13 Dec. 6	Total first quarter Jno. F. Shea do do	Rentdo	110.00 55.00 55.00 55.00
1901. Jan. 7 Feb. 5 Mar. 2	Total second quarter Jno.F.Shea do do	Rentdodo	165.00 55.00 55.00 55.00
Apr. 3 May 2 June 11	Total third quarter Jno. F. Shea do do Total fourth quarter	Rentdodo	55.00 55.00 55.00 55.00
July 17	Supplemental. Jno.F.Shea Total	Rent	55.00

GRASS AND FORAGE PLANT INVESTIGATIONS.

1900.		,	
July 19 28	Southern Printers' Supply Co Houghton & Delano	Electros	\$4.25 8.94
	Henry H. Brown E. D. Merrill et al	Films	4.20

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date	. Name.	Nature of payment.	Total.
1900.			
Aug.	Burke Bros Louis W. Carter	Kodaks, etc.	\$34.00 55.00
	Louis W. Carter H. L. Bentley. F. Lamson-Scribner 3 A. B. Leckenby 3 Elias Nelson. James R. Collins. F. Lamson-Scribner Emil F. Lamson-Scribner 1 Emil F. Lange 4 Houghton & Delano 7 David Griffiths C. L. Shear Elias Nelson. do	Salary	50.50
	2 F. Lamson-Scribner	Traveling expenses	45, 25
	F. Lamson-Scribner A. B. Leckenby	Salarydo	101.10 100.00
	6 Elias Nelson	do	100.00
1	James R. Collins	Bushel bags	17.09
1	F. Lamson-Scribner	do Bushel bags Labor Salary Kodak Traveling expenses Office expenses	17. 09 60. 00 50. 00
1	Houghton & Delano	Kodak	20.70
1	David Griffiths	Traveling expenses	6.50 2.70 17.35
	C. L. Shear	Office expenses	2.70
	Elias Nelson	Traveling expenses	17.35
	H I. Rentley	do	1.40 33.75
	Wm. Shear	Traveling expenses	16.12
	C. L. Shear	do	78.18
2	Wm. Shear	Salary	75.00
	David Griffiths	Choses	150.00
2	Elias Nelson	Traveling expenses Office expensesdodo Traveling expensesdo Salarydo Grasses Traveling expensesdo Salaries Salary	34.00 16.40
3	Emil F. Lange	do	8.00
3	E.D. Merrill et al	Salaries	8.00 351.22
Sept.	Louis W. Carter	Salary	55, 00
	L. D. Merrin et al. L. L	Salaries Salaries do do do	150, 00
	H. I. Bentley	do	101.10 50.50
	William Shear	do	75.00
	Ellas Nelson	Seeds	75.00 100.00
	Harry N. Leckenby	Seeds	106.85 17.75
	Rudolph, West & Co	Hose, etc.	17.75
	Peter Henderson & Co.	Plates	$8.74 \\ 13.55$
	T. W. Wood & Sons	do	8.90
	Arthur W. Robson	Freight charges	8.82
13	B Emil F. Lange	Salary	50.00
1	A. B. Leckenby	Traveling expenses	32.50 7.90
1.	F. Lamson-Seribner	Grass seeds	60.00
1	7 T. W. Wood & Sons	Grain	2.45
-	J. J. H. Gregory	Grain Beans	4.50
	Jas B. Lambie C. R. Ball H. L. Bentley Wm. Shear I New York Central and Hudson River	Scythe, etc Expenses	1, 55
11	C. R. Ball	Expenses	8.50
19	Wm Shoon	do Traveling expenses Passenger transportation	29.00 18.75
2	New York Central and Hudson River	Passenger transportation	2.23
	R. R. Co.	a docome of the second	2.140
0.	Boston and Maine R. R. Co	do	2.56
2:	Boston and Albany R. R. Co. Burlington and Missouri River R. R. in	āo	8.49
		do	76.60
	Wm. Shear C. L. Shear do F. Lamson-Scribner	Services	15.00
	C. L. Shear	Traveling expenses	81.60
	do	Services Traveling expenses do do	32.50 125.79
2-	F. Lamson-Scribner	do	125.79
2	E. D. Merrill et al	Salaries	361.60
	Total first quarter		3, 326. 08
Oct.	Mackall Bros	Potash, etc	2.03 132.35
;	A. B. Leckenby	Expenses	132.35
	Jas. K. Metcalfe	Traveling expenses	150.07
,	A. B. Leckenby E. D. Merrill Jas. K. Metcalfe Chicago, Milwaukee and St. Paul Rwy. Co. Peunsylvania R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	32.50 33.00
	Pennsylvania R. R. Co	do	79.85
	The Atchison, Topeka and Santa Fe Rwy.	do	6.60
	Co.		
	Union Pacific R. R. Co. Fremont, Elkhorn and Missouri Valley	do	32.36 7.15
	Rwy. Co.	ao	7.15
	Southern Rwy. Co	do	16.25
	The Colorado and Southern Rwy. Co	do	7. 65
	Blue Ridge R. R. Co	do	4.51
	Lenign Valley R. R. Co.	do	9.33
	Atlantic Coast Line R. R. Co	do	50. 90 15. 26
	A. Lamson-Scribner	Traveling expenses	21.90
	do	Expenses	19.40
	F. Lamson-Scribner	do	60.00
	Rwy. Co. Southern Rwy. Co The Colorado and Southern Rwy. Co. Biue Ridge R. R. Co Lehigh Valley R. R. Co Denver and Rio Grande R. R. Co Atlantic Coast Line R. R. Co. A Lamson-Scribner F. Lamson-Scribner Thos. A. Williams	Traveling expenses	29.60

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

1900. Oct. 9	payment	Total.
Oct. 9		
R. S. Rising		\$49.00
R. S. Rising		55. 00 25. 30
Chicago and Northwestern Rwy. Co Passenger transportation Northern Pacific Rwy. Co do do Oregon Short Line R. Co do do do do do do do	nses	25.30
24		8.80 38.00
Chicago and Northwestern Rwy. Co Chicago and Northwestern Rwy. Co Chicago and Northwestern Rwy. Co Chicago and Northern Rwy. Co Chicago and Printers Engraving Chicago and Northern Rwy. Co Chicago and Chicago and Printers Engraving Chicago and Chicago and Printers Engraving Chicago and Printers Engraving Chicago and Chicago and Printers En		29.00
Chicago and Northwestern Rwy Co Passenger transportation Northern Pacific Rwy Co do Great Northern Rwy Co do do do do do do do		9.60
24		64.75 97.80
24		97.80
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do	sportation	31.70
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		6. 15 32. 10
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		46.90
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		80.50 108.55
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		8.45
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		5.00
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		16.82 474.21
The Publishers and Printers Engraving Co. T.W. Wood & Sons. Seeds do d		474.21
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do	enses	23.10 99.50
The Publishers and Printers Engraving Co. T. W. Wood & Sons. Seeds do		50.50
T.W. Wood & Sons		50.50 101.10
T.W. Wood & Sons		19.35
1		
2		26.60
The Chesapeake and Ohio R. R. Co		22.30
The Chesapeake and Ohio R. R. Co		20.40
The Chesapeake and Ohio R. R. Co		4.00
The Chesapeake and Ohio R. R. Co	C1120C	3.36
The Chesapeake and Ohio R. R. Co	sures	17.65 6.25
The Chesapeake and Ohio R. R. Co	sportation	33.80 31.30
The Chesapeake and Ohio R. R. Co		31.30
The Geo. W. Knox Express Co		19.50
The Geo. W. Knox Express Co		8.15
The Geo. W. Knox Express Co		8. 15 2. 25 5. 10
The Geo. W. Knox Express Co		5.10
The Geo. W. Knox Express Co		5.72
The Geo. W. Knox Express Co		4. 20 12. 75
The Geo. W. Knox Express Co	nses	31.00
The Geo. W. Knox Express Co		27.00 32.60 7.00
The Geo. W. Knox Express Co		32.60
The Geo. W. Knox Express Co		7.00
The Geo. W. Knox Express Co	·	33 54
The Geo. W. Knox Express Co	ers	28.50 33.54 20.00
The Geo. W. Knox Express Co	nses	20.50
R. & J. Farquhar & Co		
R. & J. Farquhar & Co	l	1.24
R. & J. Farquhar & Co. Seeds do do Sheetz & Bishop Photo supplies Photo supplies Photo supplies Photo supplies Passenger transportation Co. Northern Pacific Rwy. Co do Baltimore and Ohio R. R. Co do do The Wabash R. R. Co do Mark W. Johnson Seed Co Grass seed Photo supplies Passenger transportation Co. do Grass seed Photo supplies Photo supplies Passenger transportation Passenger transportation Passenger transportation Passenger transportation Photo supplies Passenger transportation Pass		521. 54
R. & J. Farquhar & Co		55.00 97.80
R. & J. Farquhar & Co. Seeds do do Sheetz & Bishop Photo supplies Photo supplies Photo supplies Photo supplies Passenger transportation Co. Northern Pacific Rwy. Co do Baltimore and Ohio R. R. Co do do The Wabash R. R. Co do Mark W. Johnson Seed Co Grass seed Photo supplies Passenger transportation Co. do Grass seed Photo supplies Photo supplies Passenger transportation Passenger transportation Passenger transportation Passenger transportation Photo supplies Passenger transportation Pass		97.80
R. & J. Farquhar & Co	enses	56.45
R. & J. Farquhar & Co		52.65 55.00
R. & J. Farquhar & Co. Seeds do do Sheetz & Bishop Photo supplies Photo supplies Photo supplies Photo supplies Passenger transportation Co. Northern Pacific Rwy. Co do Baltimore and Ohio R. R. Co do do The Wabash R. R. Co do Mark W. Johnson Seed Co Grass seed Photo supplies Passenger transportation Co. do Grass seed Photo supplies Photo supplies Passenger transportation Passenger transportation Passenger transportation Passenger transportation Photo supplies Passenger transportation Pass		49.00
R. & J. Farquhar & Co		24.40
R. & J. Farquhar & Co		33.42
R. & J. Farquhar & Co		18.15
5 New York, New Haven and Hartford R. R. Co. Northern Pacific Rwy. Co. Baltimore and Ohio R. R. Co. The Wabash R. R. Co. Mark W. Johnson Seed Co. Grass seed.		7. 15
5 New York, New Haven and Hartford R. R. Co. Northern Pacific Rwy. Co. Baltimore and Ohio R. R. Co. The Wabash R. R. Co. Mark W. Johnson Seed Co. Grass seed.		30.50
CO. Northern Pacific Rwy. Co. Baltimore and Ohio R. R. Co. The Wabash R. R. Co. Mark W. Johnson Seed Co. Grass seed.		6. 75 15. 20
Northern Pacific Rwy. Co. do Baltimore and Ohio R. R. Co. do The Wabash R. R. Co. do Mark W. Johnson Seed Co. Grass seed.	sportation	15. 20
Baltimore and Ohio R. R. Co do The Wabash R. R. Co do Mark W. Johnson Seed Co Grass seed. Union Pacific R. R. Co Passenger transportation		66.00
The Wabash R. R. Co Mark W. Johnson Seed Co Union Pacific R. R. Co Chiege Milways and St. Paul Park		48.25
Mark W. Johnson Seed Co		48. 25 4. 35
Union Pacine K. K. Co. Passenger transportation Passenger transportation		11. 15
	sportation	9. 45 36. 50
6 W. M. Freeman Seeds Seeds		5.00
11 Seabury & Johnson Silk isinglass		5.00 7.50
14 Wm.P.Brooke Millet		51.50 11.75

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Dec. 15	Wood, Stubbs & Co	Seeds	\$32.15 186.00
1~		do	186.00
17	Mackall Bros	Tin etc	17.66 17.70
18	Library Bureau	Index case and cards	17. 70 45. 00
19	Elmer D. Merrill	Traveling expenses	15. 25
29	Church & Stephenson	Lumber Expenses	34.48
	H. L. Bentley	Expenses	16.50
31	Mackall Bros Rudolph, West & Co Library Bureau Elmer D. Merrill Church & Stephenson H. L. Bentley Louis W. Carter E. D. Merrill et al.	Salaries	50.00 534.85
	Total second quarter	 	4,881.35
1901.	-		4,001.00
Jan. 2	H. L. Bentley B. C. Pittuck T. W. Wood & Sons Bausch & Lomb Optical Co The C. A. Smurthwaite Produce Co David Griffiths	Salary	99.50
	B. C. Pittuck	Grass seeds	25.30 45.00
3	T. W. Wood & Sons	Grass seeds	45.00
	The C. A. Smanthweite Produce Co.	Triplets	4. 62 316. 38
5	David Griffiths	Seeds Salary Potash	50.50
5	Mackall Bros Church & Stephenson	Potash	. 90
•	Church & Stephenson	Lumber	. 90 39. 5 0
14	Church & Stephenson Houghton & Delano E. Morrison Paper Co. Rudolph, West & Co. A. B. Leckenby Jas. Withycombe T. C. Ford H. Haupt, jr The Geo. W. Knox Express Co. O. C. Kippenbrock Peter Henderson & Co. The Geo. W. Knox Express Co. T. W. Wood & Sons Blue Line Transfer Co. Chas. S. Brent & Bro.	Lumber Plates, etc Paper Label holders	3.37
	E. Morrison Paper Co	Paper	24.84
16	Audolph, West & Co	Label noiders	3.11 101.10
10	Jas Withycombe	Salary do Grass seed	2 77
	T. C. Ford	Grass seed	2.77 22.50
	H. Haupt, jr	do Transportation Photos	5. UI
10	The Geo. W. Knox Express Co	Transportation	2.08 1.00
19	O. C. Kippenbrock	Seeds	1.00 50.50
19 21 22 24 26	The Goo W Know Express Co	Transportation	4.18
24	T. W. Wood & Sons	TransportationSeeds Transportation	54.00
26	Blue Line Transfer Co	Transportation	54.00 4.72
	Chas. S. Brent & Bro Texas Seed and Floral Co E. N. Wilcox et al. D. Landreth & Sons	Grass seeds	11. (X
30	Texas Seed and Floral Co	do Salaries	3.55
31 Feb. 2	D. Landroth & Sons	Seeds	3.55 437.89 52.72
reo		Catches	. 40
	David Griffiths. Pennsylvania R. R. Co T. W. Wood & Sons Whitall. Tatum & Co Thos. W. Smith	Salary Passenger transportation Seeds Vials, etc	. 40 51. 70 30. 00
6	Pennsylvania R. R. Co	Passenger transportation	30.00
11	T. W. Wood & Sons	Seeds	29.68
	Thos W Smith	Lumber	5.45
	Brentanos	Notebooks	. 96 4. 14
12	The Chesapeake and Potomac Telephone	Lumber Notebooks Telephone rent	6.2
13	Co. Peter Henderson & Co	Seeds	31.00
14	Feter Henderson & Co Richd L. Lamb Fredk. Springman L. Cameron J. M. Thorburn & Co Seabury & Johnson T. W. Wood & Sons Houghton & Delano B. C. Pittuck H. L. Bentley	Seeds Stencil Transportation Seeds do Silk isinglass Seeds Photo supplies Salary do Seeds Glass Hnk	1.25
	Fredk. Springman	Transportation	1. 25 56 2. 00
19	L. Cameron	Seeds	2.00
	Sashury & Johnson	Cilly joingless	19.90
21	T. W Wood & Sons	Seeds	7.50 33.00 2.04 25.80
21 23	Houghton & Delano	Photo supplies	2.04
	B. C. Pittuck	Salary	25.80
00	H. L. Bentley Texas Seed and Floral Co Hugh Reilly Richard L. Lamb Rudolph, West & Co Chicago, Rock Island and Pacific Rwy. Co.	do	91. 10
26	Texas Seed and Floral Co	Seeds	40.90
	Richard L. Lamb	Ink.	2.40 1.50
	Rudolph, West & Co	Turns and screws	. 52
27	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	. 52 16. 25
20	Adams Express Co	Transportation Seedsdo	6.02
28	H. Nungesser & Co	Seeds	28.43
	H Nungassov & Co	do	3. 60 36. 73
	E. N. Wilcox et al	Salaries	416.07
Mar. 1	Houghton & Delano	Film	5.40
	Chicago, Rock Island and Pacific Kwy. Co. Adams Express Co. H. Nungesser & Co. J. M. Thorburn & Co. H. Nungessor & Co. E. N. Wilcox et al. Houghton & Delano. David Griffiths. Light P. Lambia	Film Salary	5. 40 46. 60
5	Jas. B. Lambie	Hinges	1.28
	J M Thorburn & Co	do	6. 50 30. 00
9	A. B. Leckenby	Hinges Seeds do Traveling expenses	75. 90
	do	Expenses	24.50
12	H. Nungesser & Co	Expenses Seeds Photo mounts	46.40
13	E.J. Pullman	Photo mounts	11.61
14	David Griffiths Jas. B. Lambie Henry Nungesser & Co. J. M. Thorburn & Co A. B. Leckenby do H. Nungesser & Co. E. J. Pullman The Geo. W. Knox Express Co. J. Manz Engraving Co Carlton R. Ball T. W. Wood & Sons	Transportation Engraving Traveling expenses	2.82
		Engraving	24.00
15 16	Carlton R. Ball	Traveling expenses	72.55

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total
1901.			
Iar. 16	T. W. Wood & Sons	Seeds	\$7. 23.
10	B. C. Pittuck	Salary	23.
18	Jas. R. Collins	Seed bags	68.
	Peter Henderson & Co	Seed	54. 17.
	H Nungassar & Co	do	24.
	Hatch Experiment Station	do	4±.
	J. C. McCollough	do	20. 6.
	Bausch & Lomb Optical Co.	Remounting lens	6.
	J. M. Thorburn & Co	Seeds	4.
	Library Bureau	Cards	19
	J. R. Towne	Seeds	2.
21 23	J. Manz Engraving Co	Engraving	43.
23	T. W. Wood & Sons.	Seeds	9
	J. M. Thorourn & Co	00	32 41
	T T H Chagan & Co	do	19
	Chas S Bront & Bro	do	19
29	T W Wood & Sons	Tancinta	17 36 510
30	E N Wilcov et al	Salaries	510
50	T. W. Wood & Sons B. C. Pittuck Jas. R. Collins Peter Henderson & Co do H. Nungesser & Co Hatch Experiment Station J. C. McCollough Bausch & Lomb Optical Co J. M. Thorburn & Co Library Bureau J. R. Towne J. Manz Engraving Co T. W. Wood & Sons J. M. Thorburn & Co Henry Nungesser & Co J. J. H. Gregory & Son Chas. S. Brent & Bro T. W. Wood & Sons E. N. Wilcox et al	Salai ios	
	Total third quarter		3,573
pr. 1	Jno. C. Parker	Manila paper Salary do do do Passenger transportation do Salary Seeds do O Photo mounts Seeds	2.
	Louis W Conton	Sarary	51
	H. L. Bentley Louis W. Carter B. C. Pittuck C. L. Shear	do	60 25
	C. L. Shear The Western Rwy. of Alabama Southern Pacific Co. David Griffiths J. M. Thorburn & Co	do	25 135
	The Western Rwy of Alabama	Passanger transportation	11
	Southern Pacific Co	do	6
2	David Griffiths	Salary	6 51
2	J. M. Thorburn & Co	Seeds	12
-	do	do	24
	do	do	5
4	E.J. Pullman	Photo mounts	4
12	Peter Henderson & Co	Seeds	40
	do	Seedsdodo	36 32
	J. M. Thorburn & Co	do do Salary do Blue-print paper Field glasses Rubber type holder Corks and alcohol Beans	32
	T. W. Wood & Sons	G-1	60
16	In L. Delitley	Salary	46 15
10	Fred A Schmidt	Ring nuint nange	1
	F H Edmonds	Field glasses	63
	Herman Baumgarten	Rubber type holder	
	Mackall Bros	Corks and alcohol	17
17	Northrup, King & Co	Beans	17
19	J. M. Thorburn & Co	Seeds	26 13 15
20	Houghton & Delano	Photo supplies	13
	T. W. Wood & Sons	Seeds	15
22	Blue Line Transfer Co	Transportation	4
22	J. M. Thorburn & Co. do. do. do. L. J. Pullman Peter Henderson & Co. do. J. M. Thorburn & Co. J. M. Thorburn & Co. T. W. Wood & Sons. H. L. Bentley Jas. Withycombe Fred. A. Schmidt F. H. Edmonds Herman Baumgarten Mackall Bros Northrup. King & Co. J. M. Thorburn & Co. Houghton & Delano. T. W. Wood & Sons. Blue Line Transfer Co. Jas. K. Metcalfe	Seeds Photo supplies Seeds Transportation Seeds	66
	Fouthern Park Co	rassenger transportation	0 95
	Shootz & Richon	Photographic supplies	4 66 3 27 27 59 67
	C. L. Shear	Traveling expenses	59
	Blue Line Transfer Co. Jas. K. Metcalfe The Texas and Pacific Rwy. Co Southern Rwy. Co Southern Rwy. Co Southern Rwy. Co L. Shear H. L. Bentley Jno. A. Salzer Seed Co W. J. Spillman Henry A. Dreer, Inc A. B. Leckenby C. L. Shear Adams Express Co J. T. Willard	Passenger transportation do Photographic supplies Traveling expenses Seeds do Solary	67
23	Jno. A. Salzer Seed Co	do	
24	W. J. Spillman	Salary	$150 \\ 25$
	Henry A. Dreer, Inc	Seeds	25
25	A. B. Leckenby	Roots	30
26 27	C. L. Shear	Traveling expenses	62
27	Adams Express Co	Transportation	9
29	J. T. Willard	Grass roots	62 9 2 47
lay 1	S. EDbert	Seeds, etc	47
	F. Dallmon	Done meal	13
3	Adams Express Co. J. T. Willard S. Ebbert P. Mann & Co. E. J. Pullman The Chesapeake and Potomac Telephone	do Salary Seeds Roots Traveling expenses Transportation Grass roots Seeds, etc Bone meal Photograph mounts Telephone rent	1 6
8	Co.		1
٠	do	do	4
16	Jas. B. Lambie	Hinges	1 14
24 27	United States Envelope Co	Page and the negative tien	14
27	Yazoo and Mississippi Valley K. K. Co	Passenger transportation	5 14
	Intermedianal and Chart North and D. D. C.	do	8
	The Toyes and Pacific Prov. Co.	do	13
	THE TEXAS ADD FACIOUS DWV. UO	uv	10
	Chiquago Rook Island and Pagific Pury Co	do '	4
	Western Union Telegraph Codo Jas. B. Lambie United States Envelope Co Yazoo and Mississippi Valley R. R. Co Mobile and Ohio R. R. Co. International and Great Northern R. R. Co The Texas and Pacific Rwy. Co. Chicago, Rock Island and Pacific Rwy. Co. Grand Trunk Rwy. System Western Union Telegraph Codo	do	4 22

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1901.		~ 1	40.18
May. 28	The J. C. Ergood Co	Salt	\$0.15 100.00
June 1	Chas. W. Burkett B. C. Pittuck		25, 60
	Lewis W. Carter		60.00
	H [, Bentley	do	51.00
4	H. L. Bentley	Transportation	31.55
5	J. T. Willard	Traveling expenses	21.96
	W. J. Spillman	Services	150.00
21	Western Union Telegraph Co	do	1.12
25	Jas. K. Metcalfe	Seed	32.00
	Total fourth quarter		1,932.30
	Supplemental.		
July 1	B. C. Buffum	Salary	75.00
	C. W. Burkett	do	100.00
	H. L. Bentley		49.50
	B. C. Pittuck	do	24.70
	Louis W. Carter	do	60.00
	W. J. Spillman	00	150.00 89.01
5	David Griffith	Transportation	$\frac{00.01}{2.57}$
11	Luther Foster	Salary	40.00
13	The Geo. W. Knox Express Co	Transportation	5, 93
19	E. W. Hilgard	Traveling expenses	18.25
	United States Express Co	Transportation	.70
Aug. 6	F. H. Hillman	Manuscript on clover	252.50
9	Jos. B. Davy The Chesapeake and Potomac Telephone	Traveling expenses	37.85
21	Co.	Services	6.25
Sept. 10	Jos. B. Davy A. B. Leckenby	Traveling expenses	33.70
21	A. B. Leckenby	Salary	150.00
Oct. 5	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	16.45
	Total		1,201.42
	RECAPITULA	TION.	

First quarter \$ Second quarter	33, 326, 08
Second quarter	4,881,35
Third quarter	3,573.05
Fourth quarter	1,932.30
Supplemental	1,201.42
_	
Total1	14, 914, 20
Third quarter Fourth quarter Supplemental Total	

IRRIGATION INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1900. July 31 Aug. 1 6 11 16	Katherine A. Nau et al Elwood Mead et al Black & Clark E. T. Johnston O. V. P. Stout Clarence T. Johnston Elwood Mead R. P. Teele A. G. Spalding & Bro E. S. Nettleton J. C. Nagle do Elwood Mead do do	do Short-gauge rods Salary do Traveling expenses do do Wading pants Traveling expenses Traveling expenses Traveling expenses Salary Traveling expenses Expenses Office expenses	\$227. 85 1, 137. 92 11. 60 52. 00 62. 50 20. 65 18. 05 13. 25 24. 00 23. 25 110. 00 87. 70 6. 75 20. 85
25 29 Sept. 31 5	do W. B. Moses & Sons O. V. P. Stout A. McAdam D. Frank Parker Jno. C. Parker Katherine A. Nau et al W. M. Reed Elwood Mead et al Clarence T. Johnston	Desk and chairs. Traveling expenses Carpenter work, etc Typewriter paper Cases and index Salaries Traveling expenses Pay roll	11. 50 55. 00 36. 21 12. 75 4. 08 9. 30 247. 20 20. 00 1, 227. 12 87. 70

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total
1900.			
ept. 5	E. L. Bristol. W.M. Reed	Typewriter paper	\$10.
	W. M. Reed		50.
13	O. V. P. Stout	Salarydo	62.
1.0	W.M. Reed O. V. P. Stout E. T. Johnston Frank Adams Jay D. Stannard Arthur P. Stover Wm. E. Smythe Elwood Mead	do	48. 200. 104.
15	Frank Adams	Traveling expenses	200.
17 18	Anthun P. Stoven	Traveling expenses	104.
10	Wm F Smythe	do Report Expenses	69. 225.
19	Elwood Mead	Expenses	8.
10	do	Traveling expenses	91.
29	doKatherine A. Nau et al	Salaries	298.
	Total first quarter		4,718.
1	-		
ct. 1	H. J. Waters J. C. Nagle	Salary	135.
	dodo	Trovoling owners	135.
	do	Traveling expenses	28. 14.
	W H Code	Solomy	50
2	W. H. Code Jay D. Stannard	Salary Traveling expenses	50. 40.
2	D W Ross	Expenses	33.
	O. V. P. Stout	Traveling expenses	31.
3	Elwood Mead	Expenses	18.
3	Elwood Mead et al	Salaries	18. 1, 212.
	Jay D. Stannard D. W. Ross O. V. P. Stout Elwood Mead Elwood Mead et al Hiram Sapp Rumsey & Co. Limited Edwin S. Nettleton Arthur P. Stover	Expenses Traveling expenses Expenses Expenses Office rent	135. 35. 24.
4	Rumsey & Co., Limited	Pump	35.
5	Edwin S. Nettleton	Pump	24.
12	Arthur P. Stover	do	76.
	Artnur P Stover H J. Waters J. H. Arp Frank Adams The A. Leitz Co S. P. Johnson Jno. C. Parker Elwood Mead	Salary	125.
16	J. H. Arp	Salary Wrapping paper Salary Water register Typewriter, etc Sponge cups	100
18	Frank Adams	Salary	100.
19	The A. Leitz Co	Water register	60
20	S. P. Johnson	Typewriter, etc	98. 5.
26	Jno. C. Parker	Sponge cups	11
20	A D Staron	The valing owners	79
	O V D Stout	Solony	73. 32.
	A. P. Stover O. V. P. Stout	Expenses Traveling expenses Salary Traveling expenses	14
30	E Morrison Paper Co		11.
31	E. Morrison Paper Co Katherine A. Nau et al	Salaries	327 23
ov. 2	D W Rose	Salaries Expenses	23
	do United States Envelope Co. W. M. Reed Elwood Mead et al	do	23 12
	United States Envelope Co		12.
3	W. M. Reed	Salary Salary Salary Traveling expenses do Expenses	30
5	Elwood Mead et al	Salaries	1,297
7	J. C. Nagle J. D. Stannard Elwood Mead	Salary	65
9	J. D. Stannard	Traveling expenses	36 48
1.1		do	48
14		Expenses	28 9
	do		8
	T M Wilson	Traveling expenses	13
	do	Expenses	37
20	Fred A Schmidt	Pencils etc	7
20 21	W. H. Code	Salary	7 75
~	do	Expenses Pencils, etc Salarydo	50
	W. H. Code		75
	W. H. Code. W. M. Reed. do Elwood Mead.	Expenses	40
	do	Expenses	25
	Elwood Mead	Traveling expensesdodo	20
	do A. F. Doremus H. J. Waters R. C. Gemmell	C-1-00	265 52
	A. F. Doremus	Salary	135
	D. C. Commell	Fyrongog	155 53
	do	Traveling expenses	18
	Edw M Roggs	Waking report	135
	Jas. H Schuyler	do	750
22	Frank Adams	Expenses	5
210	J. C. Nagle	do	5. 19.
	do	do	11.
	Elwood Mead	do	18.
	R. C. Gemmelldo Edw. M. Boggs Jas. H. Schuyler Frank Adams J. C. Nagledo Elwood Mead Samuel Fortierdododododo	Salary, July	120.
	do	Salary, August	115
	do	Salary, September	115
	do	Salary, October	125 19
23	A. D. Farmer & Son Type Foundry Co	Type	19
30	A. D. Farmer & Son Type Foundry Co Katharine A. Nau et al Elwood Mead et al	do Expenses Traveling expenses Making report do do do do do Salary, July Salary, August Salary, October Type Salaries do	344
ec. 6	Elwood Mead et al	Salarydo	1,303
ec. 0	W. H. Code H. J. Waters		

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. IRRIGATION INVESTIGATIONS—Continued.

Dat	te.	Name.	Nature of payment.	Total.
100				
190	0.	Geo. L. Swendsen	Report on water in Utah	\$200.0
Dec.	14	Frank Adams E. S. Nettleton W. M. Reed Elwood Mead	Traveling expenses	14.2 5.5 2.0
		E. S. Nettleton	do :	5.5
		W. M. Reed	do Expenses Trayeling expenses	2.0
		Elwood Mead	Expenses	22. 5 71. 8
		do	Traveling expenses	71.8
		C. T. Johnston	Making stand	61.7
		C. F. Chungler	Parant on Kings Piron Valley	16.0 375.0
		C. T. Johnston B. H. Sage C. E. Grunsky Jas. D. Schuyler F. A. Schmidt Rudolph. West & Co Elwood Mead D. W. Poes	Report on Kings River Valley. Report Drawing materials Shears Expenses	50.0
	17	F. A. Schmidt	Drawing materials	12.2
	~ .	Rudolph, West & Co	Shears	12.2 2.8
	19	Elwood Mead	Expenses	18.8
	21	D. W. Ross. F. E. Warren Mercantile Codo S. P. Johnson. O. V. P. Stout. Frank Adams Katharine A. Nau et al	Salary Matting Desks and chairs	300.0
	29	F. E. Warren Mercantile Co	Matting	13.0
		do	Desks and chairs	54.0
		S. P. Johnson	Typewriter Traveling expensesdo	57.5
		C. V. P. Stout	Traveling expenses	17. 8 31. 1
	31	Ketherine A New et al	Salarias	448.4
	or	Kamarine A. Nau et al	Saial ics	410.1
		Total second quarter		10, 289, 1
		Total scools qualter		10, 100. 1
190	1. `			
an.	2	Santa Fe, Prescott and Phoenix Ry. Co	Passenger transportation	11.8
		Union Pacific R. R. Co W. M. Reed	do Salary	36.0
	3	W. M. Reed	Salary	120.0
		Elwood Mead et al Marshall, Westcoat & Co Wm. M. Bird & Co	Salaries Nails	1, 445, 3
		Marshall, Westcoat & Co	Nails	7.3 17.0
		Wm. M. Bird & Co.	Oil	
	4	W. M. Bird & Co. W. M. Reed A. McAdam J. M. Wilson R. Carter Ballantyne F. H. King D. Frank Parker Jno C. Parker O. L. Waller	Expenses Shelving Traveling expenses	40.8
	5	A. McAdam	Snelving.	14.5
	p-,	J. M. Wilson	Traveling expenses	60.8
	7	R. Carter Ballantyne	Mania paper	3.8
	15 18	D. Frank Paulon	Manila paper Salary Typewriter ribbon Typewriter desk	200.0
	10	Ino C Parker	Typewriter dock	12. 6 23. 7
	23	O. L. Wollar	Services	25.0
	NO	O. L. Waller Hiram Sapp do W. H. Code. J. M. Wilsondo V. A. Clark R. C. Gemmel J. C. Nagle Elwood Meaddo	Rent rooms	135. 0
	24	do	Rent rooms	24.5
		W. H. Code,	Report Traveling expenses Expenses Traveling expenses	115.0
	25	J. M. Wilson	Traveling expenses	25.1
		do	Expenses	58. 5 22. 2
		V. A. Clark	Traveling expenses	22. 2
	28	R.C. Gemmel	Salary Expenses	200.0
		J. C. Nagle	Expenses	7.5
		Elwood Mead	00	10.8
	90	W R Moses & Sons	Chair	9.1 5.0
	29 30	Black & Clark	Chair Constructing station	50.0
	90	Julien P. Freiz	Water register	125.0
	31	W. H. Beal et al.	Salaries	836.
eb.	1	W. H. Code	Expenses	110.0
	2 5	do W. B. Moses & Sons Black & Clark Julien P. Freiz W. H. Beal et al. W. H. Code Jno. C. Parker F. H. King R. C. Gemmell Elwood Mead et al Elwood Mead	Water register Salaries Expenses Rulers, etc	27. 2 100. 0
	5	F. H. King	Salary	100.0
		R. C. Gemmeli	Expenses Salaries	68.3 1,526.9
		Elwood Mead et al	Salaries	1,526.9
	0	EIWOOd Mead	Expenses Traveling expensesdo	. (
	6	do C. T. Johnston	traveling expenses	155. 8
	7	W H Code	Solory	74. 5 75. 0
	8	W. H. Code Chas. U. Shepard C. T. Johnston	Salary Expensesdo	18.4
	0	C.T. Johnston	do	11.
		do	do	20.
			do	8.7
	12	O. L. Waller	Traveling expenses Maps	25. 7
		The Norris Peters Co	Maps	8. 7 25. 7 150. 0
	13	The Maurice Joyce Engraving Co	Engraving	19.7
	14	R. Carter Ballantyne	Pens	3. 8
	20	C.T. Johnston	Traveling expenses	77.5
	01	Cnas. U. Shepard	Expenses	35. 7
	21	The Balley-Libby Co	Tank.	46.9
		do O. L. Waller The Norris Peters Co. The Maurice Joyce Engraving Co R. Carter Ballantyne C. T. Johnston Chas. U. Shepard The Bailey-Libby Co. do	Pipe, etc	43.9
	23	de	Thoreling owner-	22.
	26	The Hocking Valley Manufacturing C	Paneira eta	36.0
	20	Ino C Parker	Typowniton popon	14. 7 8. 0
	27	Elwood Mead The Hocking Valley Manufacturing Co Jno. C. Parker Geo. F. Muth & Co Adams Express Co W. H. Beal et al	Maps. Engraving Pens Traveling expenses Expenses Tank Pipe, etc Rope, etc Traveling expenses Repairs, etc. Typewriter paper Ink	3. 8
	20	Adams Express Co	Ink Transportation Salaries	9. 1
	28	TTT TTT TTT TTT TTT TTT TTT TTT TTT TT	Transportation	771.

IRRIGATION INVESTIGATIONS—Continued.

	IRRIGATION IN VESTIGA	110105 Continued.	
Date.	Name.	Nature of payment.	Total.
1901.			
Mar. 2	Fred A. Schmidt Elwood Mead et al	Drawing materials	\$10.80 1,386.20
11	Elwood Mead et al	Salaries Windlass	1,386.20 40.00
11	F. H. King	Salary	100.00
	Jno. F. Riley F. H. King Southeastern Lime and Cement Co	Cement	100.00 46.00 47.25
	Jno. A. Widtsoe	Traveling expenses	47. 25
	C. T. Johnston	Expenses	9.85 5.00
	Southeastern Lime and Cement Co. Jno. A. Widtsoe C. T. Johnstondo R. Q. Tenney Fred A. Schmidt The Arp & Hammond Hardware Co. The S. A. Bristol Co E. J. Wikson Southeastern Lime and Cement Co. O. C. Sires & Bro	windass Salary Cement Traveling expenses Expenses Ado Article for publication Pencils Hardware	15.00
13	Fred A. Schmidt	Pencils.	6.00
18	The Arp & Hammond Hardware Co	Hardware	14.00
	E. J. Wilzeon	Article for publication	18.60 282.00
20	Southeastern Lime and Cement Co	Hardware Bulletin paper Article for publication Cement Cement, etc. Salary Expenses	23.00
	O. C. Sires & Bro	Cement, etc	23.00 90.00
	W. H. Code	Salary	50.00
	J. C. Nagle	Expenses	23.40 50.00
	do	Traveling expenses.	7.70
	do	Salary Traveling expenses Expenses Traveling expenses	7.70 13.15
91	Southeastern Lime and Cement Co. O. C. Sires & Bro W. H. Code O. V. P. Stout J. C. Nagle do do E. S. Nettleton. C. T. Johnston	Traveling expenses	13.95
21	C.T.Johnston The Denver Novelty Works and Electric	Expenses	13. 95 7. 96 7. 70
	Co		
00	O.L. Waller Frank Bond E. S. Nettleton W. H. Beal et al.	Services Traveling expensesdo Salaries	125.00
22 25 30	E. S. Nettleton	do	140.30 7.00
30	W. H. Beal et al	Salaries	759. 10
	Total third quarter		10,387.84
	Total third quarter		10, 567. 64
Apr. 1	The Chesapeake and Ohio Ry. Co	Passenger transportation	44.00
2	Union Pacific R. R. Co.	do Rent of roomsdo Expenses	18.00 45.00 135.00
2	Hiram Sapp	do	135.00
	Chas. U. Shepard	Expenses	49.20
	Elwood Mead et al	Salaries	1,526.90 50.00
	A A Wagner	Safe Safe Rain gauge Bristol board	17.40
6	Jno. C. Parker	Bristol board	14, 40
8	Hiram Sapp. do Chas. U. Shepard Elwood Mead et al H. G. Hay A. A. Wagner Jno. C. Parker C. T. Johnston do F. H. King J. Manz Engraving Co C. W. Beach A. S. Aloe Co	Expensesdo	28, 50 23, 78
12	F H King	Solony	23.78 100.00
16	J. Manz Engraving Co.	Engraving	20.00
	C. W. Beach	Salary Engraving Report Track and car for blue print	100.00
	A. S. Aloe Co	frack and car for blue print frame.	18.36
	J. C. Nagle	Traveling expenses	7.85
	Elwood Mead	do	61.85 14.50
	O.L. Waller	Expenses	14.50 6.61
	Fred A Schmidt	Pencils and naints	2.50
	Rudolph, West & Co	Steel tapes	2.50 19.50
17	J. C. Nagle	Traveling expenses do Expenses do Pencils and paints Steel tapes Expenses Traveling expenses do	12.75
18	do do	do do	39.85 13.35
	C. T. Johnston	do Passenger transportation Making plates Salary do	
22 23 24	Baltimore and Ohio R. R. Co	Passenger transportation	14.00
23 24	The App. Engraving Co	Making plates	32, 00 75, 00
~ E	dodo	do	75.00
	W. H. Code	Traveling expenses	39.00
25	Geo. L. Swendsen	Preparing report	$100.00 \\ 6.50$
30	C. E. Johnston et al	Salaries	684.20
May 1	Modern Machine and Model Works	Water registers	684.20 150.00
2	J. E. Turton	Supports for rain gauges	6.84 1,435.48
2	W. H. Code	Salary	25.00
3	E.F. Ladd	do Traveling expenses Preparing report Traveling expenses Salaries Water registers Supports for rain gauges Salaries Salary Traveling expenses Repairs to register, etc.	25.00 40.76
	J. H. Arp	Repairs to register, etc	15.50 100.00
	Julien P. Freiz	Pens for water register	7, 50
6	J. M. Wilson	Expenses	7.50 12.50 22.90
	A. S. Aloe Co J. C. Nagle Elwood Mead O. L. Waller O. V. P. Stout Fred A. Schmidt Rudolph. West & Co. J. C. Nagle J. M. Wilsondo C. T. Johnston Baltimore and Ohio R. R. Co The App. Engraving Co Saml. Fortier do W. H. Code Geo. L. Swendsen O. V. P. Stout C. E. Johnston et al Modern Machine and Model Works J. E. Turton Elwood Mead et al W. H. Code E. F. Ladd J. H. Arp W. Irving Julien P. Freiz J. M. Wilsondo Modern Machine and Model Worksdo Modern Machine and Model Works	Traveling expenses Repairs to register, etc. Report. Pens for water register Expenses Traveling expenses Water register Copper band, etc Services	22, 90 30, 00
	Modern Machine and Model Works	Conner hand atc	40.75
8	Julien P. Freiz. Western Union Telegraph Co Wagner Bros. & Co	Services Register sheets	4.65
13	Wagner Bros. & Co	Register sheets	2.25

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. IRRIGATION INVESTIGATIONS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
May 24	Chas. U. Shepard J. C. Nagle	Expenses	\$9.90 10.25
	Chas O Shepard J. C. Nagle do Clarence T. Johnston do F. H. King Black & Clark A. Lietz Co W. H. Code Jay D. Stannard W. M. Reed Elwood Mead United States Envelope Co Library Bureau W. H. Beal et al Elwood Mead et al F. H. King The Steiner Cardwell Art Co	do	30.00
	Clarence T. Johnston	Salary Expenses do Salary	22, 61
	do	do	40.46 100.00
	F. H. King	Salary	100.00
	A Lietz Co	Water registers	7.00 201.70
	W. H. Code	Salary Making table, etc. Water registers. Salary Traveling expenses Salary Traveling expenses Envelopes Cards Salaries	25, 00
	Jay D. Stannard	Traveling expenses	39, 25
	W. M. Reed	Salary	30, 00 33, 85
	United States Envelope Co.	Envelopes	9.34
	Library Bureau	Cards	4.50
31	W. H. Beal et al	Salariesdo Salary Paper Traveling expenses	728.00
June 3	Elwood Mead et al	Solony	1,281.40
	The Steiner Cardwell Art Co	Paner	100.00 4.25
	J. M. Wilson	Traveling expenses	33.35
5	Elwood Mead et al F. H. King The Steiner Cardwell Art Co. J. M. Wilson C. T. Johnston A. E. Chandler W. M. Bead	Salary	133. 15
6	A. E. Chandler	Salary	95.00
11			17.75 6.50
	J. M. Wilson C. T. Johnston	Traveling expenses Expenses	34.40
	C. T. Johnston	do	35.33
	do	do	10.99
	do A. Hoen & Co	Lithographic plates	5. 20 810. 00
14	C T Johnston	Traveling eviences	104. 15
	Frank Adams H. C. Bradley O. V. P. Stout	Traveling expensesdodo	15.25
	H. C. Bradley	do	66, 55
	o. v.P. Stout		30, 00 4, 45
	J. C. Nagle	Traveling expenses	12.15
	J. C. Nagle do	Expenses	21.25
21	W. M. Reed	Traveling expenses	12.40
	Signal Conner & Co	Expenses	26.48
	W. M. ReeddodoSiegel, Cooper & Co A. S. Carter W. & L. E. Gurley Western Union Telegraph Co J. C. Nagle O. V. P. Stout Arthur P. Stover Elwood Mead Denver and Rio Grande R. R. Co W. H. Beal et al	Expenses Traveling expenses Expenses Expenses Expenses Expenses Bells Batteries	5.70 6.00
	W. & L. E. Gurley	Insulators	2.40
	Western Union Telegraph Co	Service	11.95
24	J. C. Nagle	Service Salary Traveling expenses	35.00 19.50
A-1	Arthur P. Stover	do	19. 30
25	Elwood Mead	dodododo	192, 30 10, 40
20	Denver and Rio Grande R. R. Co	Passenger transportation	18.00 738.60
29	W. H. Beal et al	Salary	738.60
	Total fourth quarter		10, 573. 19
	Supplemental.		
July 5	Hiram Sapp	Office rent	45.00
	do,	Solono	135.00
	Saml. Fortier	Salary	290.00 35.00
	W.H. Code Elwood Mead et al. Adams Express Co.	Salary do Salaries Transportation	1,424.20
	Adams Express Co	Transportation	1, 424. 20 2. 32 3. 07
0	do Union Pacific R. R. Co J. D. Stannard	do	3.07
12	J D Stannard	Traveling expenses	4.30 116.10
1.0	Frank Adams	do	22, 20
13 17	W. M. Reed	Salary	22.20 70.00
17	J. C. Nagle	do	135, 00
	E. G. Johnston	do	45.00 52.00
	do	do	54.00
	do	do	50.00
	Geo. H. Keeney	do	130.00
19	United States Express Co	Transportation	95.00 2.50
20	O. V. P. Stout	Salary	2.50 125.00
	do	dő	45.00
	F. H. King	do	45.00 100.00
23	C. T. Johnston	Evnenses	125.00 6.55
NO	D W Dece	do	29.50
	D. W. ROSS		
24	do do Union Pacific R. R. Co J. D. Stannard Frank Adams W. M. Reed J. C. Nagle Jos. Mack E. G. Johnston do Geo. H. Keeney do United States Express Co O. V. P. Stoutdo F. H. King A. E. Chandler C. T. Johnston D. W. Ross W. M. Reed Frank Bond	do	35. 45 79. 40

IRRIGATION INVESTIGATIONS-Continued.

Date.	Name.	Nature of payment.	Tota
1901.			
July 24	C. T. Johnston	Expenses	\$3
	A. E. Chandler	do	6
	J. C. Nagle	. do	2
	J. C. Nagle W. M. Reed	SalarydoExpenses	13
	ldo	do	17
26	O. V. P. Stout A. E. Chandler	Expenses	2
	A. E. Chandler	do Traveling expenses	11
27	J. M. Wilson	Traveling expenses	5
	do	Expenses	5
	D. W. Ross	Expenses	4
	do	Salary Traveling expenses	20
	do	Salary	20
29	W. H. Code Jay. D. Stannard	Traveling expenses	6
	Jay. D. Stannard	a0	2
	J. Č. Nagle J. M. Wilson	do	1
	J. M. Wilson	Expenses	1
	W. H. Code	Salary	3
	M. A. Seed Dry Plate Co The Denver Fire Clay Co	Plates	1
	The Denver Fire Clay Co	Plate holder	10
20	W. H. Code	Salary	13
30	Arthur P. Stover The Modern Machine Works Co	Traveling expenses	13
	The C Parker	Pens for water register Typewriter desk	$\frac{1}{2}$
or 1	Jno. C. Parker Fred A. Schmidt	Section lines etc	2
g. 1	R. L. Lamb	Section liner, etc Numbering machine	ĩ
	Harry C Bradley	Services	1
2	Harry C. Bradley C. T. Johnston	Expenses	3
~	McIntosh Stereopticon Co	Stereopticon	4
	do	Condenser, etc	4
	Denver Fire Clay Co. G. Cramer Dry Plate Co. Texas and New Orleans R. R. Co.	Materials for slides	
	G. Cramer Dry Plate Co	Slides	1
3	Texas and New Orleans R. R. Co	Passenger transportation	1
	The Colorado and Sonthern R.WV. Co	do	5
	E.S. Nettleton (deceased) The Modern Machine and Model Works	Traveling expenses	10
	The Modern Machine and Model Works	Water registers	15
			2
	Geo. H. Keeney E. B. Voorhees	Traveling expenses	12
	E. B. Voorhees	do	
	W. M. Reed	do	
	H. C. Bradley	do	2
	O.L. Waller	do	7
12	Jno. C. Parker	Pasteboard tubes	1
16	R. P. Teele	Traveling expenses	1
	Jno. C. Parker R. P. Teele O. V. P. Stout C. T. Johnston	do	2
	C. T. Johnston	do	7
	O. L. Waller Houghton & Delano	Salary	3
17	Houghton & Delano	Camera, etc	5 20 6 9
30	Samuel Fortier	Services	20
17 20 21 22	Wagner Bros. & Co Samuel Fortier	Register sheets	0
1212	F P Voorboog	Traveling expenses	0
	E. B. Voorhees O. L. Waller	Expensesdo	9
	O. L. Walter	do	2
	McIntosh Stereopticon Co	Slide boxes	4
28	Frank Bond	Traveling avnenges	
20	The Denver Fire Clay Co	Traveling expenses	1
29	The Denver Fire Clay Co P. N. Ashley W. & L. E. Gurley do	Services	14
ot. 4	W. & L. E. Gurley	Meters	. 14
	do	do	14
5	Elwood Mead	Traveling expenses	12
t. 2	W. & L. E. Gurley	Apparatus	11
t. 2 5	W. & L. E. Gurley Union Pacific R. R. Co	Passenger transportation	4
10	Library Bureau	Cases	2
12	Library Bureau Postal Telegraph Cable Co	Service	16
12		-	
	Total		6,61

First quarter	\$4,718.49
Second quarter	10, 289.11
Third quarter	10, 387. 84
Fourth quarter	10, 573. 19
Supplemental	6,614.25
	-

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. EXPERIMENT STATIONS.

1900. July 31 A. C. True et al. Salaries. Salaries. Saml. H. Moore Portfolio. 54.75		1		
July 31	Date.	Name.	Nature of payment.	Total.
Dec. Paralk Parker Typewriter ribbons 3.5	1900. July 31	A.C. True et. al	Salaries	\$2,393,75
Dec. Paralk Parker Typewriter ribbons 3.5	Aug. 1	Saml. H. Moore	Portfolio.	5.75
Dec. Paralk Parker Typewriter ribbons 3.5	10	Houghton & Delano	Seed plates	4,09
Sept		W. H. Evans	Traveling expenses	48.12
Sept	29	D. Frank Parker	Typewriter ribbons	12.90 3.75
21 New York Central and Hudson River R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R. Co. Traveling expenses 108.60 Salaries 2.313.39 Salari	31	A. C. True et al	Salaries	2, 374, 40
21 New York Central and Hudson River R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R. Co. Traveling expenses 108.60 Salaries 2.313.39 Salari	Sept. 5	Wyckoff, Seamans & Benedict	Repairing typewriter	13.10
21 New York Central and Hudson River R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R. Co. Traveling expenses 108.60 Salaries 2.313.39 Salari	10	A.C. True	Traveling expenses	101.18
21 New York Central and Hudson River R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R. Co. Traveling expenses 108.60 Salaries 2.313.39 Salari		E. L. Henry	Preparing index	
21 New York Central and Hudson River R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R.Co. Maine Central R.R. Co. Traveling expenses 108.60 Salaries 2.313.39 Salari	20	do	do	93.03
Maine Central R. R. Co.	21	New York Central and Hudson River R. R. Co.	rassenger transportation	
Oct. 5	99	Maine Central R. R. Co	do	11.00
Oct. 5	20	A C True et al	Salaries	2 212 20
Oct. 5	20	A.O. True et al	Salaries	2, 313. 39
New York Central and Hudson River A. O. True Traveling expenses Co. Salaries Cards				7,670.79
New York Central and Hudson River A. O. True Traveling expenses Co. Salaries Cards	Oct. 5	Pennsylvania R. R. Co		8. 11
10 D. Frank Parker		New York Central and Hudson River	do	4.00
12 A. C. True Traveling expenses 66.05	10	1) Frank Parker	Mimeograph paper etc	6.30
Pannsylvania Co	12	A. C. True	Traveling expenses	66.05
Pannsylvania Co	20	Jno. C. Parker	Binding cases, etc	12.75
Pannsylvania Co	24	The Delaware and Hudson Co	Passenger transportation	4.05
Pannsylvania Co		Pennsylvania R. R. Co	do	6.58
Pannsylvania Co		The Lake Shore and Michigan Southern	do	5.00
Range		Rwy Co		
Range	01	Pennsylvania Co	do	8.50
Range	Nov 3	The Chesaposka and Potoma Tolenhone	Salaries	2,469.40
Pennsylvania Co.	1404. 2	Co	Telephone rent	0.20
Pennsylvania Co.	8	A. C. True	Traveling expenses	80.14
Pennsylvania Co.	17	Library Bureau	Cards	20.00
Pennsylvania Co.	21	A.C. True	Traveling expenses	36. 95
Pennsylvania Co.	20	Pennsylvania R. R. Co	Passenger transportation	17.00
Pennsylvania Co.	30	A. C. True et al	Salaries	2, 487, 80
Pennsylvania Co.	Dec. 3	Wyckoff, Seamans & Benedict	Repairs to typewriter	27.45
Pennsylvania Co.		Peter Fireman	Translating	85.73
Pennsylvania Co.	5	Great Northern Rwy Co	Passenger transportation	6.08
Pennsylvania Co.		W. B. Moses & Sons	Desks, etc.	
Pennsylvania Co.		Northern Pacific Rwy. Co	Passenger transportation	49.45
Pennsylvania Co.		New York Central and Hudson River	do	3.66
11 S.P. Johnson		Panneylyania Co	do	7 00
11 S.P. Johnson		Chicago, Milwaukee and St. Paul Rwy, Co.	do	
11 S.P. Johnson		Chicago and Norwestern Rwy. Co	do	8.10
11 S.P. Johnson		Burlington and Missouri River R. R. in	do	3.30
Baltimore and Ohio R.R. Co	11			0 15
Baltimore and Ohio R.R. Co	14	E. L. Henry	General index	300,00
Baltimore and Ohio R.R. Co	19	E. W. Allen	Traveling expenses	41.76
Total second quarter Salary 2,596.53	20	Baltimore and Ohio R. R. Co	Passenger transportation	12.32
1901. Jan. 2 Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Chicago and Northwestern Rwy. Co do 9.80 Union Pactific R. R. Co do 18.75 Illinois Central R. R. Co do 3.83 Lehigh Valley R. R. Co do 3.83 Lehigh Valley R. R. Co do 10.00 Pennsylvania R. R. Co do 10.00 3 Reading Paper Mills Paper 18.00 40 10.00 7 United States Express Co Transportation 2.56 Mackall Bros Alcohol 2.56 16 The Geo. W. Knox Express Co Transportation 7.75 17 Transportation 7.26 18 Jno. C. Parker Stationery supplies 7.26 2.56 Adams Bros Elbows 5.00 Peter Fireman Translating 35.00 Chas. F. Roberts Reporting proceedings of convention.	31	A.C. True et al	Salary	2, 596. 53
Louis Rwy. Co. Chicago and Northwestern Rwy. Co do 9.80		Total second quarter		8, 454. 18
Louis Rwy. Co. Chicago and Northwestern Rwy. Co do 9.80	1901. Jan. 2	Pittsburg, Cincinnati, Chicago and St.	Passenger transportation	18, 05
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.		Louis Rwy. Co		
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.		Unicago and Northwestern Kwy. Co	do	
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.		Illinois Central R. R. Co	do	18.75
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.		Lehigh Valley R. R. Co.	do	3, 30
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.		Pennsylvania R. R. Co.	do	10.00
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.	3	Reading Paper Mills	Paper	18.00
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.	14	Mackall Bros	Alcohol	2. 56
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.	16	The Geo. W. Knox Express Co.	Transportation	. 03
Peter Fireman Translating 35,00 Chas. F. Roberts Reporting proceedings of convention.	18	Jno. C. Parker	Stationery supplies	
vention,	19	Adams Bros	Elbows	5.00
vention,		Chas F Roberts	Reporting proceedings of	
Yawman & Erbe Manufacturing Co Cabinet		Citato, E. Trouget no	vention.	78.60
		Yawman & Erbe Manufacturing Co	Cabinet	11.00

EXPERIMENT STATIONS—Continued.

1901. Jan. 21	1.90 2.39 3.00 2.88 16.00
21	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Translating. Desk Telephone rent. Translating. Translating. Translating. Translating. Translating. Translating. Desk Telephone rent. Translating. Translating. Translating. Translating. Translating. Translating. Translating. Desk Telephone rent. Translating. Translating	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Transparter on the properties of the prop	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Transparter on the properties of the prop	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Transparter on the properties of the prop	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Transparter on the properties of the prop	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Transparter over. Mimeograph paper. Mimeograph paper. Mimeograph paper. Mimeograph paper. Translating Index cards. Impression stripes Rudolph, West & Co. Thumb bolts. Transportation. Salaries. Chair Transportation. Salaries Chair Transportation. Co. Transportation. Co. Transportation. Co. Transportation. Co. Chair Translating. Repairing index. Calendar. Article for publication. Calendar. Article for publication. Translating. Translating. Calendar. Article for publication. Calendar. Article for publication. Translating. Translating. Translating. Calendar. Article for publication. Calendar. Article for publication. Translating. Translating. Translating. Calendar. Article for publication. Calendar. Article for publication. Translating. Calendar. Article for publication. Calendar. Article for p	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Translating. Desk Telephone rent. Translating. Translating. Translating. Translating. Translating. Translating. Desk Telephone rent. Translating. Translating. Translating. Translating. Translating. Translating. Translating. Desk Telephone rent. Translating. Translating	1.90 2.39 3.00 2.88 16.00
The Cleveland, Cincinnati, Chicago and St. Louis Rwy, Co. The Wabash R. R. Co. New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Translating. Desk Translating. Desk Translating. Desk Translating. Desk Telephone rent. Co. Translating. Desk Telephone rent. Translating. Translating. Translating. Translating. Translating. Translating. Desk Telephone rent. Translating. Translating. Translating. Translating. Translating. Translating. Translating. Desk Telephone rent. Translating. Translating	1.90 2.39 3.00 2.88 16.00
Louis Rwy. Co. The Wabash R. R. Co New York, New Haven and Hartford R. R. Co. do do do do do do do	2.39 3.00 2.88 16.00
New York, New Haven and Hartford R. R. Co.	3.00 2.88 16.00
New York, New Haven and Hartford R. R. Co.	3.00 2.88 16.00
Baltimore and Ohio R. R. Co	2.88 16.00 20.00 24.50
Translating Desk Telephone Co.	2.88 16.00 20.00 24.50
Translating Translating Desk The Chesapeake and Potomac Telephone Co.	20.00 24.50
18 S. P. Johnson	24.50
18 S. P. Johnson	
18 S. P. Johnson	6. 25
23	
23	2.25 3.50
23	er 5.50
Mar. 1 W. B. Moses & Sons Chair 5 F. W. Woll Translating 12 E. L. Henry Repairing index 14 R. Carter Ballantyne Calendar 20 H. L. Russell Article for publication 23 United States Envelope Co Envelopes 30 A. E. True et al Salaries Apr. 3 A. C. True Traveling expenses Library Bureau Boxes and cards 10 Joc. Parker Tag board 16 Fred. A. Schmidt Sponge rubber	4.25
Mar. 1 W. B. Moses & Sons Chair 5 F. W. Woll Translating 12 E. L. Henry Repairing index 14 R. Carter Ballantyne Calendar 20 H. L. Russell Article for publication 23 United States Envelope Co Envelopes 30 A. E. True et al Salaries Apr. 3 A. C. True Traveling expenses Library Bureau Boxes and cards 10 Joc. Parker Tag board 16 Fred. A. Schmidt Sponge rubber	.30
Mar. 1 W. B. Moses & Sons Chair 5 F. W. Woll Translating 12 E. L. Henry Repairing index 14 R. Carter Ballantyne Calendar 20 H. L. Russell Article for publication 23 United States Envelope Co Envelopes 30 A. E. True et al Salaries Apr. 3 A. C. True Traveling expenses Library Bureau Boxes and cards 10 Joc. Parker Tag board 16 Fred. A. Schmidt Sponge rubber	
Mar. 1 W. B. Moses & Sons Chair 5 F. W. Woll Translating 12 E. L. Henry Repairing index 14 R. Carter Ballantyne Calendar 20 H. L. Russell Article for publication 23 United States Envelope Co Envelopes 30 A. E. True et al Salaries Apr. 3 A. C. True Traveling expenses Library Bureau Boxes and cards 10 Joc. Parker Tag board 16 Fred. A. Schmidt Sponge rubber	
Total third quarter	2, 230, 40 5, 00
Total third quarter	85.00
Total third quarter	300.00
Total third quarter	
Total third quarter	25.00
Total third quarter	18.48 2,464.80
Apr. 3 A. C. True Library Bureau Traveling expenses Boxes and cards Tag board 10 Jno. C. Parker Tag board 16 Fred. A. Schmidt Sponge rubber	2,404.00
Apr. 3 A. C. True Traveling expenses Library Bureau Boxes and cards 10 Jno. C. Parker Tag board 16 Fred. A. Schmidt Sponge rubber W. H. Veerhoff Picture mats Mockell Bros Alechel	8,091.57
Library Bureau Boxes and cards 10 Jno. C. Parker Tag board Fred. A. Schmidt Sponge rubber W. H. Veerhoff Picture mats Mackell Bros. Aleckel Picture Pi	49, 90
10 Jno. C. Parker	8.90
16 Fred. A. Schmidt Sponge rubber W. H. Veerhoff Picture mats Medcall Bree Alachel	9.50
W. H. Veerhon Picture mats	
20 Southern Pacific Co. Passenger transportation	
23 Pennsylvania R. R. Co	15. 85 .25 4. 06
27 United States Express Co Transportation	
Adams Express Codo	4.06
30 A.C. True et al Salaries Salaries Rent	
May 3 The Chesapeake and Potomac Telephone Co. Wyckoff, Seamans & Benedict Roller Roller	1.50
8 Western Union Telegraph Co Services	1.48
4 Wyckoff, Seamans & Benedict Roller Services do do Descent Union Telegraph Co Services do Descent Play Co Passenger transportations of the Control of the C	5. 10
27 Savannah, Florida and Western Rwy. Co Passenger transportati	on 16.50
CO	19.89 171.00
A C True	81.86
31 A. C. True et al Salaries	2,384.44
June 4 Seaboard Air Line Rwy.Co Passenger transportati 11 M. Du Perow Tube whistles	on 4.80
June 4 Seaboard Air Line Rwy.Co Passenger transportati 11 M. Du Perow Tube whistles	
14 Ernestine Fireman Translating	55.00
15 E. L. Henry Preparing index Cards	100.00
14 Ernestine Fireman Translating	4.68
24 Eberhard Faber Bands	4.20
25 The Atchison, Topeka and Santa Fe Rwy . Passenger transportati	on 29 40
Oregon Short Line R. R. Codo	00.40
Services	38.40 6.10
Total fourth quarter	58. 40 6. 10 29. 40 2, 192. 72
Supplemental.	
July 5 B. Tollens Article for publication.	7,633.30
16 A.C. True Traveling expenses Traveling expenses	7,633.30
16 A. C. True	7,633.30
20 F. H. Lovell & Co Clock	7,633.30

EXPERIMENT STATIONS-Continued.

Date.	Name.	Nature of payment.	Total.
1001	Supplemental.		
1901.		Tib arms are a ton	21 2
uly 20	H. J. Green Southern Pacific Co	Thermometer	\$1. 2 13. 7
26	Baltimore and Ohio R. R. Co	Transportation	37. 2
	Union Pacific R. R. Co.	rassenger transportation	19.8
	Louisville and Nashville R. R. Co-	do	9. 7
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	8. 0
29	Hattie M. Pieters	Tuenclating	87.
40	Chas. Grose	Cane seat for chair	
	Wm. H. Rupp		2. 7
30	Houghton & Delano		7.8
31	F. W. Woll	Translating	40.0
ug. 1	Jno. C. Parker		39. (
ug. 1	E. Morrison Paper Co	Lodger eards	3, 1
~	Texas and New Orleans R. R. Co	Passangar transportation	10.8
	The Rio Grande Western Rwy. Co	do	18.0
	Illinois Control P. P. Co.	do ·	8.7
	The Colorado and Southern Rwy. Co	do	2. 7
	Pennsylvania R. R. Co	do	8.8
	The Wabash R. R. Co Yazoo and Mississippi Valley R. R. Co	do	24.6
	Vazoo and Mississippi Valley R. R. Co.	do	2.7
	Southern Rwy. Co	do	20.9
6	W. B. Moses & Sons	Linoleum	191.9
12	Rudolph West & Co	Drawer pulle	. (
2.14	The Geo W Knox Express Co	Transportation	2.3
19	M. Du Perow	Telephones	120.0
21	M. Du Perow The Chesapeake and Potomac Telephone Co	Services	6.2
22	Chas. R. Edmonston	Cooler	3, 8
ept. 12	E. W. Allen	Traveling expenses	67.6
ct. 5	Union Pacific R. R. Co	Passenger transportation	14.0
	Chicago, Rock Island and Pacific Rwy. Co	do	8.1
	Chicago and Northwestern Rwy, Co	do	14.7
	Fremont, Elkhorn and Missouri Valley	do	1.7
	Rwy Co.		
	Southern Rwy. Co	do	8.
	Total		975.
irst qua	RECAPITULA		\$7,670.7
econd c	uarter		. 8, 454.
	iarter		8.091.

First quarter	\$7,670,79
Second quarter	
Third quarter	8,091.57
Fourth quarter	7,633,30
Supplemental	975.15
Total	99 994 00

RESOURCES OF ALASKA.

[Appropriation for 1900-1901.]

Date.	Name.	Nature of payment.	Total.
1900. June 9	C. C. Georgeson Allen & Nelson Mill Co Total fourth quarter, 1900		\$57, 69 97, 39
July 7 Aug. 3	Schwabacher Hardware Co. R. T. Shannon. Seattle Hardware Co. Frederick, Nelson & Munro. The Vulcan Iron Works Co. F. W. Baker. Fred. E. Rader. H. P. Nielsen C. C. Georgeson. Fred. E. Rader.	Hardware.etc Provisions Blocks,etc Shades Smokestack Blocks,rope,etc Salary do cxpenses Salary do do cxdo do d	39, 13 76, 55 33, 67 15, 05 36, 00 28, 67 74, 20 150, 00 247, 25 217, 50 150, 00 117, 90 98, 90 98, 90 33, 30
	H. Doc. 29——10		

RESOURCES OF ALASKA-Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Aug. 14	M. G. Copeland & Co	United States flag	\$3.45
23	Fred. E. Rader	Office expenses	136.20
29	Chas. Fickz	Alder wood	20.00
Sept. 5	H. P. Nielsen	Salary	101.10
	Isaac Jones	do	117.90
8	Fred. E. Rader C. C. Georgeson	do	117. 90 589. 60
0	C. C. Georgeson	do	589.00
	Total first quarter, 1901		2,522.17
Oct. 4	C. C. Georgeson	Salary	285, 40
	Fred. E. Rader	do	73, 40
	H. P. Nielsen	do	97.80
	Isaac Jones Pacific and Arctic Rwy. and Navigation Co-	do	97.80
5	Pacific and Arctic Rwy. and Navigation Co.	Passenger transportation	120.00
4.0	do		20.00
16	Isaac Jones	Services	23.08
24	Alaska Steamship Co Pacific Coast Steamship Co	Passenger transportation	6.00
	Alaska Commorcial Co	do	25.00
	Alaska Commercial Co North American Transportation and Trad-	do	40.00 10.00
	ing Co.	do	10.00
	Alaska Steamship Co	do	25.00
Nov. 20	W. P. Mills	Lumber	16. 14
22	Isaac Jones	Traveling expenses	15.00
28	C. C. Georgeson	do	205.40
Dec. 3	W.P. Mills		36.95
20	Alaska Commercial Co	Passenger transportation	10.00
20	Pacific Steam Whaling Co	Transportation	86.00
29	Seattle Hardware Co	Hardware	14.50
	Total second quarter		1,207.47
	Total Second qual tel		1,800.10
1901.			
Jan. 3	Isaac Jones	Traveling expenses	, 3.60
Mar. 23	C. C. Georgeson	Expenses	18.25
	Total third quarter		21, 85
	Total Milita diagram of the contract of the co		77.00
Apr. 20	Pacific Coast Steamship Co		21.29
May 27	do	do	12.95
	Total fourth quarter		24.04
	Total fourth quarter		34.24

RECAPITULATION.

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RESOURCES OF ALASKA.

Date.	Name.	Nature of payment.	Total.
1900. Sept.22	F. E. Rader Total first quarter	Expenses	\$86.50
Oct. 2	Holden & Wilson Furniture Co Edw. de Groff Standard Furniture Co	Rugs, etc	61.00 44.00 25.50
Nov. 3	C. C. Georgeson Isaac Jones H. P. Nielsen	Salarydo	294.80 101.10 101.10
Dec. 6	Fred, E. Rader W. P. Mills C. D. Shaw C. C. Georgeson Fred, E. Rader H. P. Nielsen	do Tools, etc Wood Salarydo do	75.80 47.45 47.50 285.40 73.40 97.80
29	Isaac Jones H. P. Nielsen	Expenses	97. 80 138. 75

RESOURCES OF ALASKA-Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
Dec. 29	Rohlf & Schoder Frederick, Nelson & Munro	Lumber	\$17.0
		Furniture	40.5
	Total second quarter		1,548.9
1901. an. 3	Fred. E. Rader	Salary	875.8
ап. о	Isaac Jones	dodo	101.1 252.7
24	Isaac Jones C. C. Georgeson Seattle Hardware Co	Handwaya	
'eb. 2	Edwd. de Groff	Hardware Ironwork tools	4.6 47.9
	The A Harmburgh Co	Enamel tub, etc	47. 9 107. 5
	M. P. Mills Edw. de Groff C. C. Georgeson do W. P. Mills	Hardware, etc	69.1 3.0
5	C. C. Georgeson	Salary Traveling expenses	258.3
	W P Mills	Traveling expenses	11.9 58.9
	Fred. E. Rader Pacific Coast Steamship Co Isaac Jones Fred. E. Rader	Shelving Salary	103.3
e	Fred. E. Rader	do Passenger transportation Salary do	77.5 60.0
Iar. 1	Isaac Jones	Salary	93.4
	Fred. E. Rader	do	70.0
20			233. 4 10. 0
	Tom Tilsen Jno. W. Dudley C. C. Georgeson	Wood Lime	7.0
30	C. C. Georgeson	Salary	258.3
	Fred. E. Rader Isaac Jones	do	77.5 103.3
	Isaac Jones H. P. Neilsen	do	401.1
	Total third quarter		2,485.8
Apr. 4	The Alaska Publishing Co	Circular letter	6.3
20	Ruben Albertstone	Photo supplies	18.0 10.8
	Pacific Coast Steamship Co	Rent, land Photo supplies Transportation	29.4
27 30	United States Express Co	do	8.8 98.9
30	Isaac Jones H. P. Nielsen	Salary	98 9
	Fred. E. Rader C. C. Georgeson Edwd. De Groff	do	98. 9 247. 2 14. 5
May 3	Edwd. De Groff	Coal oil, etc	14.5
6	Carl Spuhn W.P. Mills	Fish guano. Feed, repairs, etc. Lumber Thermometers	29.8
0	w.P. Mills	Lumber	109. 7 12. 3 37. 5
8	do Henry J. Green Western Union Telegraph Co Isaac Jones	Thermometers	37.5
une 1	Isaac Jones	Telegraph service	1.0
unc 1	H. B. Nielsen	Telegraph service. Salarydo	102. 2 102. 2
	F. E. Rader	do	102. 2 255. 5
3	Lilly Bogardus & Co	Peas, oats, and alfalfa	43.0
8	H. P. Nielsen	Expenses	65.7
29	Isaac Jones	Herbarium Salary	9.0 98.9
	F. E. Rader C. C. Georgeson Lilly Bogardus & Co H. P. Nielsen Allen Lund Isaac Jones Fred, E. Rader	do	98.9
	II. F. N leiseil		98.9
	Total fourth quarter	=	1,798.7
uly 25	Supplemental. H. P. Nielsen	Expenses	11.0
	C. N. Sandahl	do	34. 4
30 Lug. 1	C N Sandahl	do	34, 4 2, 5 5, 2
6	Jno. C. Parker C. C. Georgeson E. De Groff	Expenses Coil oil and ink	18.9
9	E. De Groff	Coil oil and ink	6.4
,	Total		78.5
	DECA DITIII A	TION	
irst an	RECAPITULA		988 5
econd o	arter quarter quarter quarter ental		1,548.9
hird qu	narter		2,485.8
Supplem	nental		- 1, 198. I - 78. 5

AGRICULTURAL RESOURCES OF HAWAII.

[Appropriation for 1900-1901.]

Date.	Name.	Nature of payment.	Total.
1900. Oct. 5 16 24	Oceanic Steamship Co W. C. Stubbs Richmond, Fredericksburg and Potomac R. R. Co. Southern Rwy. Co.	Services Passenger transportation	\$75.00 1,050.00 3.50
Nov. 24 Dec. 25	Southern Rwy. Co. Pennsylvania R. R. Co. Baltimore and Ohio R. R. Co.	dodo	3. 50 20. 25
1901. Jan. 5 Mar. 16	Total second quarter W. C. Stubbs Jared G. Smith do	Traveling expenses	189, 80 125, 00 133, 33
Apr. 1 30 May 8 27 June 18 21	Total third quarter Jno. C. Parker Jared G. Smith Western Union Telegraph Co Oceanic Steamship Co W. B. Moses & Sons Western Union Telegraph Co	Cardboard Salary Telegraph service Passenger transportation Rugs Telegraph service	2. 25 247. 25 1. 86 85. 00 12. 33 . 94
July 19 Aug. 1	Total fourth quarter Supplemental. J.G. Smith Jno. C. Parker Total	Salary Press copy sheets	255.50 7.62 263.12
RECAPITULATION.			
Second quarter \$1 Third quarter Fourth quarter Supplemental			- 448.13 - 349.63
Total 2		2,236.13	

AGRICULTURAL RESOURCES OF PORTO RICO. [Appropriation for 1900-1901.]

Date.	Name.	Nature of payment.	Total.
1900. July 12 Aug. 3 Sept. 5	Seaman A. Knappdodododo	dodo	\$200.00 200.00 200.00
Oct. 9 16 Nov. 28	Seaman A. Knappdodododo	Salary	200.00 382.79 15.00 123.33
1901. Apr. 30 May 4 13 16	Total second quarter F. D. Gardner S. P. Johnson Jno. S. Topham Jno. C. Parker D. Frank Parker Sheetz & Bishop G. W. Moss	Salary Typewriter Steamer trunk Copyholders Typewriter stand Kodak, etc Passenger transportation	721.12 123.63 60.00 6.50 3.50 4.00 29.40 50.00
24 28 31 June 3 13	R. W. MOS Bausch & Lomb Optical Co. R. P. Clarke Co. F. D. Gardner et al Brentanos. Frank D. Gardner	Services Towels Salaries Books	13. 50 3. 40 334. 62 21. 75 67.27

AGRICULTURAL RESOURCES OF PORTO RICO-Continued.

Date.	Name.	Nature of payment.	Total.
1901. June 14 15 25 29	Bausch & Lomb Optical Co	Microscope Labels Passenger transportation Salaries	\$75. 90 1. 72 180. 00 148. 30
	Total fourth quarter		1,123.49
July 1 30 Aug. 1 10 12 21	Frank D. Gardner Brentanos Jno. C. Parker Chas. R. Edmonston The Geo. W. Knox Express Co Yawman & Erbe Manufacturing Co	Cooler and stand Transportation Files	
Oct. 5	Baltimore and Ohio R. R. Co	Passenger transportation	6.50 290.15

RECAPITULATION.

First quarter Second quarter Fourth quarter Supplemental	721.12 1,123.49
Total	2,734.76

NUTRITION INVESTIGATIONS.

	Date.	Name.	Nature of payment.	Total.
	1900.			
Ji	uly 25 31	Mary H. Abel C. F. Langworthy	Article for publication	\$150.00 151.60
A	ug. 3	W.O. Atwater et al	Salary Salaries	1, 301, 90
2.1.	ug. o	Chas. D. Woods	Salary	84. 20
	29	Isabel Bevier	Dietary study	100.00
a	31	C. F. Langworthy	Salary	151.60
50	ept. 4	W. O. Atwater et al Chas. D. Woods	Salaries	913.14 84.20
	6	Russell A. Frisbie	Bicycle	28.00
	22	C. F. Langworthy	Traveling expenses	13.00
	29	do	Salary	146.80
		Total first quarter		3, 124. 44
0	ct. 5	W. O. Atwater et al	Salaries	778, 66
_		Chas. D. Woods	Salary	81, 10
	23	S. C. Dinsmore	Alterations in calorimeter	42.00
T.T	ov: 31	C.F. Langworthy	Salary	151.60
TA	ov. 5	Chas. D. Woods W. O. Atwater	Traveling expenses	84. 20 50, 00
	0	do	Expenses	2,05
		W. O. Atwater et al	Salaries	788.60
	12	S. C. Dinsmore	Services	59.50
D	ec. 3	C. F. Langworthy L. A. Voorhes	Report on bread experiments.	146.80 250.00
ט	60. 5	Chas. D. Wood	Salary	81.60
	0	W. O. Atwater et al	Salaries	913, 60
	31	A. P. Bryant	Traveling expenses	16.55
		C. F. Langworthy	Salary	151.60
	1901.	Total second quarter		3, 598. 36
	1901. an. 5	W. O. Atwater	Expenses	107.50
0.0		do	Traveling expenses	14.39
		W.O. Atwater et al	Salaries.	996.09
	16	Chas. D. Woods	Salary	84.20
	$\frac{19}{21}$	Jas. P. Stow	Motor with switch	162.50
	23	Eimer & Amend W.O. Atwater	Lining bomb Expenses	38. 05 33. 85
	20	do	do	4.75
F	eb. 5	W.O. Atwater et al.	Salaries	911.00

NUTRITION INVESTIGATIONS—Continued.

J. Burkitt Webb			Nature of payment.	Total.
10	1001			
11		Chas D. Woods	Salary	989
ar. 2 W. O. Atwater et al. Salaries	11	W.O. Atwater	Traveling expenses	10.
Chief Chie		J. Burkitt Webb	Paper	5.
Chief Chie		W.O. Atwater	Expenses	83.
Chief Chie	lar. 2	W.O. Atwater et al.	Salaries	693.
The New York, New Haven and Hartford R. R. Co. Southern Rwy. Co		Chas. D. Woods	Salary	77.3
The New York, New Haven and Hartford R. R. Co. Southern Rwy. Co		Total third quarter		3 308
R. R. Co. 3 Southern Rwy. Co Repairing typewriter 7 7 4 W. O. Atwater Traveling expenses 14 4 0. O Expenses 50 16 0. Chas. D. Woods Traveling expenses 50 17 17 18 19 19 19 19 19 19 19		Total till a qual ter		5,000.
W. O. Atwater	pr. 1	R. R. Co.		. 5.
W. O. Atwater		Southern Rwy. Co.	do	36.
W. O. Atwater et al. Salarres 1, 109.		Densmore Typewriter Co	Repairing typewriter	7.
W. O. Atwater et al. Salarres 1, 109.	4	w.O. Atwater	Fynongog	14.
W. O. Atwater et al. Salarres 1, 109.		Chas D Woods	Traveling expenses	67
Chas. D. Woods		W. O. Atwater et al.	Salaries	1. 109.
19 L. R. Hazen Gummed paper 4		Chas. D. Woods	Salary	86.
Salaries Salaries		L. R. Hazen	Gummed naner	4.
Salaries Salaries	24	W.O. Atwater	Traveling expenses	9.
Salaries Salaries		C. E. Waite	Report for publication	
S	29	W.O. Atwater	Expenses	. O.
S	ay z	W O Atweeter et el	Salary	801
R. S. Kinney	8	Western Union Telegraph Co	Telegraph service	9
R. S. Kinney		The Goodwin & Kintz Co	Capsules etc	36.
R. S. Kinney	24	H. S. Grindley	Report	400.
H. A. Pratt		TO: YV . IXCOTO1	DOI VICOS	16.
C. C. Becker		R. S. Kinney		15.
C. C. Becker		H. A. Pratt	do	19.
C. C. Becker		V. M. Hickok	do	18.
R. Bogani		O C Rocker	do	32
F. N. Freeman		D Damani	d a	
R. Bogan		F. N. Freeman	do	
R. Bogan		J. C. Ware	do	45.
R. Bogan	ine 5	C. D. Woods	Salary	85.
R. Bogan		C. F. Hale	Services	
C. Becker				
C. Becker		N. M. Johnson	do	7
C. Becker		R. S. Kinney	do	6.
C. Becker		R. W. Keeler	do	6.
H. A. Pratt.		O. C. Becker	do	7.
Total fourth quarter Report 4,818		H A Prott	1 40	17.
Total fourth quarter Report 4,818	77	W.O. Atwater	do	52.
Total fourth quarter Report 4,818	10	W. O. Atwater et al	Salaries	839.
Total fourth quarter Report 4,818	18	W.O. Atwater	Tolograph garriage	
Total fourth quarter	25	M E Jaffa	Report	300
Supplemental.	20			
Second quarter Seco				1,010.
Chas. D. Woods	, ,			750
Condition Cond	ny 5	Helen W. Atwater	Report	190.
Condition Cond		W O Atwatar at al	Salary	963
Condition Cond	8	O S Blakesley	Calorimeter	247.
C.E. Wait	25	W.O. Atwater		7.
C. E. Wait	29	Harry Snyder	Report	500.
RECAPITULATION. 2,649.		C. E. Wait	do	350.
RECAPITULATION. 2,649.	30	H. G. Grindley	do	350.
RECAPITULATION. rst quarter \$3,124 cond quarter \$3,598 nird quarter \$3,908 nurth quarter \$4,818 4,818				0.010
rst quarter \$3,124 cond quarter 3,598 nird quarter 3,898 nurth quarter 4,818		Total		2,019.
rst quarter \$3,124 cond quarter 3,598 nird quarter 3,898 nurth quarter 4,818		REGA PITIII. A	TION	
rst quarter \$5,124. cond quarter \$3,508. nird quarter \$3,308. urth quarter \$4,818. urth quarter \$2,649.				an 104
Cont quarter		arter		3 508
ni quarter 5,500 ourth quarter 4,818, implemental 2,649,	irst qua			- 12.1370.
upplemental 2. 649.	econd c	luarter		3 308
	cond quality direction	luarter larter		3,308. 4,818.

ARLINGTON EXPERIMENTAL FARM.

Total first quarter Salaries Salaries	Date.	Name.	Nature of payment.	Total.
Oct. 31 Jno. W. Olden et al. Salaries 98 Nov. 30 do do 1.05 Total second quarter 3.08 Total second quarter 3.08 Total second quarter 3.08 Total second quarter Labor Jan. 7 31 Jno. W. Olden et al. Salaries 72 Jan. W. Galt & Co. Hay Leidy S. Depue Oats 20 Jan. W. Olden et al. Salaries 20 20 Total third quarter 1,26 Total third quarter 1,22 Total third quarter 0ats Total third quarter 1,22 Apr. 4 W. M. Galt & Co. Hay Jan. W. Olden et al. Salaries 41 Jan. W. Galt & Co. Hay 1 Jan. W. Galt & Co. Hay 1 L. S. Depue Oats 1 Cropley & Boteler Plows 1 L. S. Depue Oats <td< td=""><td>Aug. 31</td><td>Jno. W. Olden et aldodo</td><td>Salariesdo</td><td>\$1, 014, 45 941, 10</td></td<>	Aug. 31	Jno. W. Olden et aldodo	Salariesdo	\$1, 014, 45 941, 10
Nov. 30		Total first quarter		1,955.55
1901. Jan. 7 Jno. W. Olden et al	Nov. 30	do	do	997. 02 1, 031. 35 1, 056. 95
Jan. 7 3 3 3 3 3 3 3 3 3		Total second quarter		3,085.32
Apr. 4 W. M. Galt & Co. Hay 9 Leidy S. Depue. Oats. 30 Jno. W. Olden et al. Salaries. 4 May 17 Rudolph, West & Co. Spades. 1 31 Jno. W. Olden et al. Salaries. 45 June 4 W. M. Galt & Co. Hay 4 L. S. Depue. Oats. Plows. 5 L. S. Depue. Oats. 1 P. H. Heiskell, jr., & Co. Plow points. 1 B. B. Earnshaw & Bro. Corn, etc. 2 L. S. Depue. Oats. 1 W. M. Galt & Co. Hay 1 18 J. T. Walker Sons. Lime. 21 B. B. Earnshaw & Bro. Corn. P. H. Heiskell, jr., & Co. Cutter points. Len H. Adams & Son. Peas. 25 P. Mann & Co. Bone potash, etc. P. H. Heiskell, jr., & Co. Bone potash, etc. Ado. Plow handles. 30 Mackall Bros. Soda and potash. 1 </td <td>Jan. 7 31 Feb. 28 Mar. 13</td> <td>Jno. W. Olden et al do W. M. Galt & Co Leidy S. Depue. Jno. W. Olden et al</td> <td>Salaries do Hay Oats Salaries</td> <td>4.00 728.87 311.52 8.62 9.90 206.10</td>	Jan. 7 31 Feb. 28 Mar. 13	Jno. W. Olden et al do W. M. Galt & Co Leidy S. Depue. Jno. W. Olden et al	Salaries do Hay Oats Salaries	4.00 728.87 311.52 8.62 9.90 206.10
30 Jno. W. Olden et al Salaries Spades 1 31 Jno. W. Olden et al Salaries Spades 1 31 Jno. W. Olden et al Salaries 45 32 Jno. W. Olden et al Salaries 45 34 Jno. W. Olden et al Salaries 45 35 Jno. W. Olden et al Salaries 45 44 Jno. W. Olden et al Salaries 45 45 Jno. W. Olden et al Salaries 45 46 Jno. W. Olden et al Salaries 45 47 Jno. W. Olden et al Salaries 45 48 Jno. W. Olden et al Salaries 46 49 Jno. W. Olden et al Salaries 55 40 Jno. W. Olden et al Salaries 56 40 Jno. W. Olden et al Salaries 56 41 Jno. W. Olden et al Salaries 56 42 Jno. W. Olden et al Salaries 56 43 Jno. W. Olden et al Salaries 56 44 Jno. W. Olden et al Salaries 56 45 Jno. W. Olden et al Salaries 56 46 Jno. W. Olden et al Salaries 56 47 Jno. W. Olden et al Salaries 57 48 Jno. W. Olden et al Salaries 57 49 Jno. W. Olden et al Salaries 57 40 Jno. W. Olden et al Salaries 57 41 July 13 P. H. Heiskell, jr., & Co Plow points 10 41 July 13 P. H. Heiskell, jr., & Co Plow points 10 42 Jno. W. Olden et al Jno. W. Olden et al		W. M. Galt & Co.	Hay	1,269.01 8.85 13.20
June 4 W. M. Galt & Co.	May 17	Jno. W. Olden et al Rudolph, West & Co	SalariesSpades	418.40 12.12 451.20
B. B. Earnshaw & Bro		W. M. Galt & Co. Cropley & Boteler L. S. Depue	HayPlowsOats	16.83 34.00 16.50 17.30
18 J. T. Walker Sons	11	Cropley & Boteler B. B. Earnshaw & Bro L. S. Depue	Harrow Corn, etc Oats	11.00 21.36 16.50 16.95
25 P. Mann & Co. Bone potash, etc. Mower 3		J. T. Walker Sons B. B. Earnshaw & Bro P. H. Heiskell, jr. & Co	Lime Corn Cutter points	3.75 9.20 4.60 45.50
27 Mackall Bros Soda and potash 1 Salaries 56 29 Jno. W. Olden et al Salaries 56 Total fourth quarter 1,67 Supplemental. July 13 P. H. Heiskell, ir., & Co Plow points 1 Total fourth & Stephenson Lumber 1 Lumber 1 Plow points 1 Description 1 Plow points 1 Descripti	25	P. Mann & Co. P. H. Heiskell, jr., & Co	Bone potash, etc	6.25 38.00 1.25
Supplemental. July 13 P. H. Heiskell, jr., & Co		Mackall Bros	Soda and potash	12. 00 536. 95
July 13 P. H. Heiskell, jr., & Co Plow points 17 Church & Stephenson Lumber		•		1,673.71
17 Church & Stephenson Lumber	Inly 19		Plow points	10.80
Aug. 12 Rudolph, West & Co			Lumber	2. 18 . 82
Total 1		Total		13.80

RECAPITULATION.

T F	Tirst quarter second quarter Third quarter ourth quarter supplemental	1, 269. 01 1, 673. 71
	Total	7,997.39

ARLINGTON EXPERIMENTAL FARM.

[Appropriation 1900-1901.]

Date.	Name.	Nature of payment.	Total.
1900. June 30	Jno. W. Dawson	Salary	\$18.00 18.00

ARLINGTON EXPERIMENTAL FARM—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
uly 5	Geo. A. Shehan	Lumber	\$144.4
14	Chas. Olden	Labor	2.0
16	Geo. A Snenan Chas. Olden Rudolph, West & Co do do V. J. Cogswell C. Becker Jno. W. Olden et al Jas. B. Lambie Geo. M. Bowker	Labor Pick handles Nails, etc. Garden tools	2.0 3.6
	do	Nails, etc	17.5
	do	Garden tools	35.6
19	W.J. Cogswell	Buggy	65.0
31	Ino W Olden et al	Harness Salaries	43.5
lug. 3	Jas. B. Lambie	Mattock, barrow, etc	549. 7 36. 0
lug. 3	Geo. M. Barker	Glazing	6.6
	Rudolph, West & Co Church & Stephenson Rudolph, West & Co Chas Becker	Grindstone, etc	9.4
. 25	Church & Stephenson	Lumber	213.7 9.2
ept. 12	Rudolph, West & Co	Bench, wrench, etc	9.2 1.2
15 17	Jas. B. Lambie	Hardware	
1.	Jas. D. Lambie	nardware	21.8
	Total first quarter, 1901		1, 159. 6
et. 2	Hugh Reilly Church & Stephenson Rudolph, West & Co Hugh Reilly	Paint	. 8
10	Church & Stephenson	Lumber	70.8
12	Rudolph, West & Co	Hardware	4.9
30	Hugh Reilly Geo. F. Muth & Co P. Mann & Co	Glass	3. 5
lov. 3	P Mann & Co	Lead and turpentine	2. (19. i
101. 9	do	Coulter etc	7 9
17	Rudolph, West & Co	Scraper, plow, etc Coulter, etc Hardware	7. 2 16. 8
24 27	do Rudolpi, West & Co W M. Galt & Co B. B. Earnshaw & Bro Leidy S. Denye	Hay Rye straw	8.2
27	B. B. Earnshaw & Bro	Rye straw	3.8
	Leidy S. Depue Rudolph, West & Co Leidy S. Depue P. Mann & Co James B. Lambie	Oats and corn	7.8
ec. 5	Rudolph, West & Co	Shovels and spades	13. 8
17	Leidy S. Depue	Oats	23. I 11. 6
17	Ismae R Lambia	Road scraper, etc	7.1
	W. M. Galt & Co	Hardware Hay	9.8
	Total second quarter	-	209.
4004	Total second quarter		200.0
1901. fan, 4	Loidy C Donne	Oats	16.5
	W M Golt & Co	How	33. 9
5 7	Leidy S. Depue W. M. Galt & Co Thos. W. Smith		64. 8
	Thos. W. Smith Fred. A. Schmidt B. B. Earnshaw & Bro P. H. Heiskell, jr., & Co Rudolph, West & Co P. Mann & Co Harry B. Lyford P. H. Heiskell, jr., & Co Church & Stephenson B. B. Earnshaw & Bro Jas. B. Lambie	Lumber Repairing transit Feed Draintile Arla greece	2.0
	B. B. Earnshaw & Bro	Feed	4.6
12	P. H. Heiskell, jr., & Co	Draintile	151.6
14 22	Rudolph, West & Co	Axle grease	91
23	Howar P. Lyford	Shares	21.
24 29	P H Heighell in & Co	Draintile	140.
eb. 11	Church & Stephenson	Spades. etc Draintile Lumber	15.0
Iar. 19	B. B. Earnshaw & Bro.	Corn and straw	16. 7
	Jas. B. Lambie	Files	1.8
	Total third quarter		469.4
une 25	P. H. Heiskell, jr., & Co	Mower	38.0
	Total fourth quarter		38.1
	Supplemental.	·	
10		Dark hast hoosts	90 1
Aug. 19 Sept. 3	Melville Lindsay	Rubber boots Expenses	38. ā 9. ā
Sept. 3 Oct. 11	The Geo. W. Knox Express Co	Transportation	6.0
		1.	54. (
Oct. 11	B. T. Galloway The Geo. W. Knox Express Co Total		
	RECAPITULA		
ourth o	quarter, 1900 arter, 1901		\$18.0
First qu	arter, 1901		. 1,159.6
second o	uarter, 1901 arter, 1901 quarter, 1901 quarter, 1901 ental		209.
inira qu	guester, 1901		469.4
ourun (quarter, 1001		54.0
unplan	nental	,	

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. PUBLIC ROAD INQUIRIES.

Da	ite.	Name.	Nature of payment.	Total.
300	20			
190 July	10. 7 25	Martin Dodge	Traveling expenses	\$61.4
	31	Martin Dodge Martin Dodge et al E. G. Harrison	Salaries	\$61.4 397.6 151.6
Ang	g. 3	E.G. Harrison	Salary Traveling expenses	151.6
	4 16	E. G. Harrison Martin Dodge E. G. Harrison do Martin Dodge et al do R. P. Clarke Co E. G. Harrison Rudolph, West & Co H. S. Esyla	Traveling expenses	32.2 18.5
	70	do	do	7.6
	31	Martin Dodge et al	do Salaries Traveling expenses Sheet and tape Salary Hammer Services Envelopes Photograph holders	7.6 397.6
Sept	t. 1	do	Traveling expenses	81.9
	5	R.P. Clarke Co	Sheet and tape	1.6
	18 19	E. G. Harrison	Salary	151.6
	22	H S Earle	Services	. 5 72. 0
	24	United States Envelope Co	Envelopes	18.5
	27	Houghton & Delano	Photograph holders	7.5
	29	H.S. Earle United States Envelope Co Houghton & Delano Martin Dodge et al	Salaries	384.8
		Total first quarter		1,785.0
et.	2	J. A. Holmes	Salary	40.0
	3	J. A. Holmes E. G. Harrison Michigan Central R. R. Co	do	146.8
	5	Michigan Central R. R. Co	do Passenger transportation Traveling expenses	4.0 57.2 23.2
	9	M. O. Eldridge E. G. Harrison		92.9
	10	H. S. Earle	do	17.0
		H.S. Earle D. Frank Parker Martin Dodge do	Typewriter paper	22.5
	13	Martin Dodge	Traveling expenses	200.4
	7.0	do	do Typewriter paper Traveling expenses Expenses	6.0
	16	M. O. Eldridge H. S. Earle The Press Clipping Bureau H. S. Earle The Atchison Topeka and Santa Fe Rwy. Co	Traveling expenses Salary Clippings	28.4 168.0
	23	The Press Clinning Rureau	Clinnings	20.0
	24	H. S. Earle	Traveling expenses	62.1
		The Atchison, Topeka and Santa Fe Rwy. Co	Traveling expenses Passenger transportation	14.0
	26	H. H. Gross		120.0
	31	Martin Dodge et al.	Salaries	397.6
ov	. 2	H. H. Gross Martin Dodge et al United States Envelope Codo	Envelopes	$\frac{4.5}{14.0}$
	3	E. G. Harrison	Salary	151.6
		E. G. Harrison The Chesapeake and Potomac Telephone Co Martin Dodge T. H. Musson I. A. Holmes	Services Salaries Envelopesdo Salary Rent Traveling expenses Salary	$\frac{4.1}{85.3}$
	14	Martin Dodge	Traveling expenses	85.3
	70	T. H. Musson	Salary	60.0
	16	J. A. Holmes Houghton & Delano L. W. Page. H. H. Gross The Murray Lyceum Bureau Geo. B. Killian Co M. O. Eldridge		200.0 2.0
	20	L. W. Page	Slide boxes Salary do	176.0
		H. H. Gross	do	120.0
		The Murray Lyceum Bureau	Lantern singes	2.8
		Geo. B. Killian Co	Paper boxes	3.0
		do		80.0 12.0
		do	Expensesdo	5.0
	21	H. S. Earle	Traveling expenses	21.6
	24	do H. S. Earle Pennsylvania R. R. Co Jas. W. Abbott do H. S. Earle Martin Dodge et al The Press Clipping Bureau E. G. Harrison Logan W. Page	do Traveling expenses Passenger transportation Traveling expenses Salary do Salaries Clippings Salary Traveling expenses Salary Clippings Salary Traveling expenses	9.0
	28	Jas. W. Abbott	Traveling expenses	22.5
		H S Earle	do	200.0 32.0
	30	Martin Dodge et al	Salaries	384.8
)ec		The Press Clipping Bureau	Clippings	10.0
		E. G. Harrison	Salary	146.8
	3.1	Logan W. Page do Jas. W. Abbott	Traveling expenses	60.6
	11 15	Jas W Abhott	Salary do Traveling expenses	200.0 176.0
	70		The reline amount	81.5
	17	Mackall Bros E. G. Harrison M. O. Eldridge	Adhesive plasters Traveling expenses do Expenses Slides	. 3
	18	E.G. Harrison	Traveling expenses	20.5
	19	M. O. Eldridge	Empanas	9.0
	20	Soule Photo Co	Slides	2.5 2.4
		Baltimore and Ohio R. R. Co	Passenger transportation	9.0
	21	The Press Clipping Bureau	Clippings	10.0
	26 31	Soule Photo Co Baltimore and Ohio R. R. Co The Press Clipping Bureau Martin Dodge Martin Dodge et al	Passenger transportation Clippings Traveling expenses Salaries	72. 4 549. 2
		Total second quarter		4, 273, 5
19	01.			
Jan	. 2	Pennnylvania R. R. Co	Passenger transportation	38.2
	3	T. H. Musson	Salary Traveling expenses	78.0 27.7
	4	Pennnylvania R. R. Co T. H. Musson Robt. Stone Logan W. Page do J. A. Holmes	Traveling expenses	27.7
	5	do do	Salary	192.0 47.4
	9	J. A. Holmes	do	31.4
			Expenses	60.8

PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of paymant.	Total.
1901.			
Jan. 14	J. H. Stout J. A. Holmes do	Services	\$496.00
	J. A. Holmes	dodo	128, 94 264, 00
16 19	Martin Dodge W. H. Rau T. H. Musson Martin Dodge et al	Traveling expenses Lantern slides Salary Salaries	25.75 6.00
22	T. H. Musson	Salary	78.00
Feb. 31		Salaries	561.50 176.00
5	W.C. Burnett The Atchison, Topeka and Santa Fe Rwy. Co	Salary Labor	23.30
6	Pere Marquette R. R. Co	Passenger transportationdo	$61.10 \\ 2.25$
11	Pennsylvania R. R. Co	Clinnings	$\frac{4.57}{10.00}$
	Pere Marquette R. R. Co. Pennsylvama R. R. Co The Press Clipping Bureau doto	do	8.91
12	J. H. Stout The Chesapeake and Potomac Telephone Co	Salary Rent Trayeling expenses	106.00 6.25
16	The Chesapeake and Potomac Telephone Co M. O. Eldridge Jas. W. Abbott	Traveling expenses	6.25 5.70
18	dodo	Salary	26.75 160.00
28 Mar. 1	do	Salary Salaries Traveling expenses	437.00 7.76
2 5	Martin Dodge	do	71.05
5 12	L. W. Page	do Salary Traveling expenses	155, 60 13, 06
13	Martin Dodge L. W. Page Martin Dodge Adams Bros	Ventilator Tags	1.00
18 20	J. H. Stout	Tags Salary	6.00 96.00
23	Martin Dodge	Salary Traveling expenses	12.60 7.75
30	M. O. Eldridge Martin Dodge et al.	Salaries.	618.70
	Total third quarter		4,052.67
Apr. 1	Jas. W. Abbott Pennsylvania R. R. Co	SalaryPassenger transportation	176.00 4.57
9	no :	Passenger transportationdodoTransportationSalaryExpenses	6.80 .75
12	The Geo. W. Knox Express Co. J. A. Holmes	Salary	280.00
16 18		Expenses	15.00 115.15
18 25	The Press Clipping Bureau	Clippings	10.00
27	M. O. Eldridge J. A. Holmes The Press Clipping Bureau do Adams Express Co Martin Dodge et al Jas. W. Abbott I. H. Stout	Expenses Traveling expenses Clippings do Tranportation Salaries Salary	10.00 7.27 553.70
May 1	Martin Dodge et al	Salaries	553.70 120.00
ů		do	96.00
3 25	The Chesapeake and Potomac Telephone Co M.O. Eldridge	Telephone rent	6.25 10.00
25 27 31	Raltimore and Ohio R. R. Co.	do Telephone rent Traveling expenses Passenger transportation Salaries Salary	5.15
June 1	Martin Dodge et al. J. H. Stout J. W. Abbott	Salary	359.60 130.00
11	J. W. Abbottdodo	do	100.00 100.00
13	Houghton & Delano The Chesapeake and Potomac Telephone Co	Slide plates	. 41
14	The Unesapeake and Potomac Telephone Co The Press Clipping Bureau	Moving telephone	10.00
18 21	H. B. Hawkins	Lantern slides	4.50 4.18
21	The Chesapeake and Potomac Telephone Co The Press Clipping Bureau H. B. Hawkins Western Union Telegraph Co	do	7.82
	do	do	3. 15 2. 73
	do	do	1.39 6.49
	do	do	13.34 347.70
29	Martin Dodge et al		
	Total fourth quarter	**	2,508.40
July 2	Martin Dodge	Salary	419.00
6	do	Salary Traveling expenses Photographic supplies Traveling expenses Envelopesdo	150.95 2.60
13 16	Houghton & Delano M. O. Eldridge	Traveling expenses	76.93
Aug. 2	United States Envelope Co	Envelopes	10.10 44.80
6	Jas W Abbott		264.00
$\frac{9}{12}$	T. H. Musson The Geo. W. Knox Express Co	Traveling expenses Transportation	$71.95 \\ 6.39$
	J. A. Holmes	Salary	200, 00 6, 25
21 23	The Chesapeake and Potomac Telephone Co The American Press Information Bureau	Salary Service Clippings	51.00

	PUBLIC ROAD INQUIR	IES—Continued.	
Date.	Name.	Nature of payment.	Total.
1901. Aug. 30 Oct. 3 5 11	The Press Clipping Bureaudo	Transportation	\$10.00 10.00 8.75 10.85 2.91 1,346.48
First an	RECAPITULA		\$1.785.05
Third qu Fourth of Supplem	arter uarter arter juarter ental		4,052.67 2,508.40 1,345.48
Tot	tal PUBLICATIONS—FARME		. 13,965.17
1900. July 31 Aug. 31 Sept. 29	`A. I. Mudd	Salaries	\$467.60 456.31 475.49
Sopular	Total first quarter		1,399.40
Oct. 31 Nov. 30 Dec. 31	S. Edwin Thornton et aldododo	dodo	413.70 436.60 349.70 1,200.00
1901. Jan. 26 31 Feb. 7 16 19 Mar. 28 Mar. 18	Total second quarter The Maurice Joyce Engraving Co. S. Edwin Thornton et al Geo. G. Hill Geo. W. Poole Chas. H. Smith do S. Edwin Thornton et al Gatchell & Manning The Publishers and Printers' Engraving Co S. Edwin Thornton et al	Engraving Salaries Manuscript for bulletin Specification for building Drawing for barn Drawing for farm Salaries Diagrams and plans Engraving	33.00 377.25 125.00 10.00 16.00 20.00 366.80 13.25 10.74 396.60
Apr. 3 30 May 31 June 29	Total third quarter The Publishers and Printers' Engraving Co C. H. Greathouse et al. do do Total fourth quarter	Salaries, April Salaries, May Salaries, June	1,368.64 10.59 515.20 529.52 574.50 1,629.81
Second o	RECAPITULA arter uarter arter quarter		1 200 00

ARTISTS, DRAFTSMEN, ENGRAVERS, ETC.

Date.	Name.	Nature of payment.	Total.
1900. July 31 Aug. 10 14 21 25 29	L. S. Williams et al. J. P. Nawrath The Maurice Joyce Engraving Co. Fred. A. Schmidt Easton & Rupp. The Marine Review Publishing Co. Fred. A. Schmidt do L. S. Williams et al.	White linen Engraving Drawing, etc Scrapbooks Photos Artists' materials Candhoard	\$4,096.47 18.50 2.08 10.58 16.00 3.75 22.00 11.00 4,118.91

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. ARTISTS, DRAFTSMEN, ENGRAVERS, ETC.—Continued.

	ARTISTS, DRAFTSMEN, ENGRA	VERS, ETC.—Continued.	
Date.	Name.	Nature of payment.	Total.
1900.			
Sept. 7	The Randolph Paper Box Co	Boxes	\$33.75 66.00
21 24	Geo. Meier & Co	Gum arabic	66.00
24	Southern Printers Supply Co	Index cards	44.80
29	Geo. Meier & Co Library Bureau Southern Printers Supply Co L. S. Williams et al	Salaries	3,957.27
	Total first quarter		12,401.81
0.5 4	Eil Gin	Constant	1.04
Oct. 4	Emil Greiner	Graduates Twine	1.94 38.25
16	J. P. Nawrath Rudolph, West & Co	Brushes, etc	28.85
		Bath tray	6.00
30	Ernest Betz	Glass	4.80 3.00
()()	Ernest Betz	Ink	6.75
	do L.S. Williams et al	Reducing glasses	5.00
31	L.S. Williams et al	Salarios	4,022.80
Nov. 2	Library Bureau Mackall Bros	Index cards	56.00 31.29
19			56.66
	do	Photo suppliesdo Engraving	1.55
20	The Maurice Joyce Engraving Co	Engraving	7.24
	Fred. A. Schmidt	Paper and dividers	3, 75 18, 46
21	Sarah I. Proctor	Salary	36, 52
23	V. Grottenthaler Co	Boxwood blocks	21.12
24	Houghton & Delano	Camera, lens, etc.	141.52
27 30	Fred. A. Schmidt	Solar paper Salaries Article, Plant Breeding Seed plates, etc Tags	7. 61 3, 219. 40
Dec. 15	L. S. Williams et al W. M. Hays	Article, Plant Breeding	300.00
17	Houghton & Delano	Seed plates, etc	6.74
18	J. E. Turton	Binders	22.50 6.60
20	Library Bureau United States Envelope Co	Envelopes	4,819.86
20 31	L. S. Williams et al	Salaries	3, 175. 43
	Total second quarter		16,052.64
1901.	Total second qual tel		10,00%.01
Jan. 4	V. Grottenthaler Co	Boxwood	47.88
18 26	Richd. L. Lamb Fred. A. Schmidt	Ribbons for stamps	.60 3.78 1.17
29 31	Mackall Bros	Chemicals	1.17
	L. S. Williams et al	Salaries	4,029.27
Feb. 13	L.S. Williams et al The Randolph Paper Box Co. Houghton & Delano. The Publishersand Printers' Engraving Co.	Boxes, etc.	12.00
23	The Publishers and Printers' Engraving Co.	Photo supplies Engravings	9.28 3.44
26	Geo. F. Muth & Co	Pens, ink. etc	10.40 3,848.72
28 Mar. 13	Geo. F. Muth & Co L. S. Williams et al	Salaries	3, 848. 72
Mar. 13 19	Fred. A. Schmidt	Nitrate of silver	15.50 32.52
30	Mackall Bros. L. S. Williams et al	Salaries	4,051.47
	Total third quarter		12,066.03
A			
Apr. 1	John C. Parker The Publishers and Printers' Engraving Co.	Copier Engravings	1.25 5.98
9	The Maurice Joyce Engraving Co	do	1.50
16	J. Manz Engraving Co.	do	15.00
17	S. P. Johnson Southern Printers' Supply Co Gatchel & Manning	Attachment for typewriter	5.00 3.00
19	Gatchel & Manning	Engraving	3.00
25	Fred. A. Schmidt L. S. Williams et al	woodcuts Engraving Artists' material Salaries Drawing instruments Woodcuts	37.60
Mary 1	L.S. Williams et al	Salaries	4, 140. 89 14. 55
May 1 May 16	rred. A. Schillich	Woodcuts	2.00
	Southern Printers' Supply Co Z. D. Gilman	Glass	21.00
28	Wm. H. Rupp	Paper	2.00 5.60
	The Maurice Joyce Engraving Co	Engraving initials	F0
June 11	Angelo F. Small	Map Engraving initials	15.00
	The Maurice Joyce Engraving Co	Electrotypes Pens	3.30 2.17
28 29	R. Carter Ballantyne H. S. Walter et. al	Pens	2.17
29	II.S. waiter et.al	Salaries	2,578.12
	Total fourth quarter		6,857.47
	Supplemental.		
July 2	Southern Printers' Supply Co	Electros	6.75
	Fred. A. Schmidt	Electros	99.46
	Total		106.21

RECAPITULATION.

First quarter.	512, 401, 81
Second quarter	16,052,64
Third quarter	12,066,03
Fourth quarter	6,857.47
Supplemental	106.21
~ up parameters	
Total	47 484 16

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.

Date.	Name.	Nature of payment.	Total.	
1900.		1		
July 31	R.J. Whittleton et al	Salaries	\$1,508.90	
Aug. 1	Saml H Moore	Library portfolios	23.25	
	J. M. Thorburn & Co C. F. Curtiss R. J. Whittleton et al	Seeds	23. 25 1. 50 100. 00	
21	C. F. Curtiss	do	100.00	
Sept. 7	Fredk. S. Morse	Salaries Pineapple plants	1,508.90 23.00	
Sept. 7	Austin Smith	Blotting paper	9. 20	
18	Iowa Seed Co	Seed wheat	22.00	
29	Iowa Seed Co. R. J. Whittleton et al.	Salaries	1,739.87	
	Total first quarter		4, 936. 62	
Oct. 20	Jno. C. Parker	Seed bags	36.54	
31	R.J. Whittleton et al	Salaries	1,795.84	
Nov. 2	The Chesapeake and Potomac Telephone	Rent	6.25	
	Co.			
9	Wm. B. Stockman	Expenses	10.76	
20	A. C. Nellis	Seeds	102.50	
91	do Plant Seed Co	do	36.00	
21	Polman Moov	Rulhe	179.40 $2.381.58$	
30	Polman Mooy. R. J. Whittleton et al. Matthias Haggerty et al. Alex. Schmidt R. J. Whittleton et al.	Salaries	2,598.20	
0.0	Matthias Haggerty et al	do	217.51	
Dec. 8	Alex. Schmidt	Boxes	72, 51	
31	R. J. Whittleton et al	Salaries	2,739.86	
	A. C. Mann et al	do	160.21	
	Total second quarter		10, 337. 16	
1901.	·			
Jan. 3	The C. A. Smurthwaite Produce Co.	Seeds and sacks	309.79	
4	The C. A. Smurthwaite Produce Co	Seeds	302. 72 5, 00	
	J. M. Thornburn & Co	do	138, 69	
	J. L01118 L008e	Plants	115 09 21.00	
14	M. Du Perow The Geo. W. Knox Express Co	Desk telephones	21.00	
16 19	The Geo. W. Knox Express Co	Transportation	112.86	
19	W. F. Allen	Plants Pecan nuts	90.00 32.00	
24	Reading Paper Wille	Papar	45.00	
26	A. G. Delmas Reading Paper Mills Utah Sugar Co	Paper Sugar-beet seed	100.00	
100	Jas. R. Collins Thos. Meehan & Sons	Seed bags	153.74	
	Thos. Meehan & Sons	Plants	18.35	
30	Herbert Post R. J. Whittleton et al A. C. Mann et al A. dolph Falck J. P. Nawrath Anctin Smith	Nuts	80.00	
31	R.J. Whittleton et al	Salaries	2,001.10	
Feb. 1	-A. C. Mann et al	Beet seed	196.40	
2	I P Nowresth	Cotton	480.00 6.38	
~		Blotting paper	9.20	
5	Jas. R. Collins	Seed bags	26.84	
	Jas. R. Collins Samuel Miller	Cotton Blotting paper Seed bags Pecan seedlings	10.00	
11	Willett & Grav		537.60	
12	O. D. Faust G. W. Boynton The Chesapeake and Potomac Telephone	Pecans	10.00	
	G. W. Boynton	Russian cucumber seed	1.00	
	Co.		6. 25 1. 70	
	do The Geo. W. Knox Express Co E. E. Risien	Transportation Pecans		
14	The Geo. W. Knox Express Co	Transportation	2.14	
19	E. E. Kisien	Pecans	25.00	
91	Stewart Pecan Co	do	48.75	
21 26	New York Market Gardeners' Association The Chesapeake and Potomac Telephone	SeedsLabor	4, 240. 71 11. 38	
27	Co. Seth H. Kenney & Son	Cane seed	02.20	
27 28	R.J. Whittleton et al	Salaries	92.28 2,184.00	
~0	A. C. Mann et al	do	177. 20	
Mar. 2	T. W. Wood & Sons	Corn	12.50	
5 7	New York Market Gardeners' Association	Seeds	9,670.06	
7	A. C. Mann et al A. C. Mann et al T. W. Wood & Sons New York Market Gardeners' Association The Henry Phillipps Seed and Implement	Seeds	19.20	
16	Co. J. M. Thornburn & Co		180.00	
			200.00	

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

		,	
Date.	Name.	Nature of payment.	Total.
1901.			
Mar. 16	New York Market Gardeners' Association.	Seeds Walnut trees	\$11,060.18
18	California Nursery Co	Walnut trees	7.50 400.00
	California Nursery Co. Edmund Starke Alice F. Crane Endly System	Seeds	20.00
	Fredk.Spiker	Rye	
	G. W. Wetherell	Wheat Sorghum seeds Freight on seeds Seedsdo	20.00
	Suzuki & Iida	Freight on seeds	562.50 2.03
	August Rolker & Sons	Seeds	2.03 485.00
	Suzuki & Iida	do	49.40
19	T. S. Hubbard & Co	Grapevines	60.00 195.65
25	Alice F. Crane Fredk. Spiker G. W. Wetherell Mary Best Suzuki & Iida August Rolker & Sons Suzuki & Iida S. De Mroziuski T. S. Hubbard & Co The Chesapeake and Potomac Telephone Co.	Oats Grapevines Moving telephone	1.55
29	New York Market Gardeners' Association		17, 472. 85
30	R. J. Whittleton et al A. C. Mann et al	Seeds Salaries	2,542.67
		do	196.40
	Total third quarter		54, 241. 78
Apr. 1	Jno. C. Parker	Manila paper	30.50
6 9	New York Market Gardeners' Association	dodo	14. 63 14, 094, 87
11	New York Market Gardeners' Association Maggie E. Renshaw Jas. R. Collins	Seeds Pecans	1.00
12	Jas. R. Collins	Seed bags	31.71
16	J. H. H. Boyd	Seeds	11.10 11,465.88
18	Thos. Mecham & Sons	Seed bags. Seeds -do Black walnut stocks	1.25
19	J.H.H. Boyd New York Market Gardeners' Association. Thos. Mecham & Sons G.L. Taber J. M. Thornburn & Co. T. W. Wood & Sons	Plants Clover seed Seeds	16.00
	J. M. Thornburn & Co.	Clover seed	10.80 27.60
24	T. S. Hubbard & Co	Grapevines	192 95
90	F. S. Phoenix	Nut trees	30. 25 1. 75 2, 733. 95
29 30	T.S. Williams	Seeds	2 733 95
	A. C. Mann et al	-do	187.90
May 1	Will W. Tracy, jr	Expenses	39, 98
2 3	T. S. Hubbard & Co F. S. Phoenix T. S. Williams R. J. Whittleton et al A. C. Mann et al Will W. Tracy, jr Dammann & Co The Chesapeake and Potomac Telephone	Seeds Telephone rent	2.63 6.25
	CO.		
	Now York Manket Condenses' Association	do	6. 25 15, 786. 82
6	New York Market Gardeners' Association. Reading Paper Mills	Manila paper	45.00
	J. Steckler Seed Co., Limited Western Union Telegraph Co	Seeds Manila paper Pecan nuts Telegraph service	75.00
8 13	Western Union Telegraph Co	Telegraph service	1.48 9.20
19	Austin Smith W. F. Allen	Blotting paper. Strawberry plants Transportation	28.90
20	Blue Line Transfer Co	Transportation	6.02
20	J. M. Thornburn & Co	Salt bush	35.00 8.00
24 28	H. L. Galloway	Seeds	25.62
28 31	Western Union Telegraph Co	Telegraph service	1.08 $1,505.55$
51	A C Mann et al	do	194.20
June 14	D. M. Ferry & Co.	Seeds	. 60 4. 17
	W. A. Burpee & Co	do	4.17 2.20
	Austin Smith W. F. Allen Blue Line Transfer Co J. M. Thornburn & Co Stuart Pecan Co H. L. Galloway Western Union Telegraph Co R. J. Whittleton et al A. C. Mann et al D. M. Ferry & Co W. A. Burpee & Co Peter Henderson & Co J. M. Thornburn & Co The Livingston Seed Co	do	13.60
	The Livingston Seed Co	do	2.15 1.20
17 18	The Livingston Seed Co	Granavinas	3.43
10	T. Watase	Seed rice	540.00
21	Louis Leroy	Grapevines Telegraph service Hauling	22.66
25	Western Union Telegraph Co	Telegraph service	3.90 5.40
25 29	R. J. Whittleton et al	Salaries	1.384.93
	The Envirogeon Seed Co T. S. Hubbard Co T. Watase Louis Leroy Western Union Telegraph Co Fred Springmann R. J. Whittleton et al A. C. Mann et al	do	187.90
	Total fourth quarter		48,731.56
	Supplemental.	•	
July 13	Reasoner Bros	Seeds	31.10
16	New York Market Gardeners' Association J. L. Loose	Small fruits	$\begin{array}{c} 31.10 \\ 6,782.99 \\ 20.00 \end{array}$
17 19			40, 50
20	J. M. Thornburn & Co	do	.50 17.50
25	J. M. Thornburn & Co. ———————————————————————————————————	do do Plants	17.50 233.50
Aug. 1	J. R. Freeman Wm. Bull	Seeds	83.70
10			

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS-Continued.

Date.	Name.	Nature of payment.	Total.
1901. Aug. 21 Oct. 2	The Chesapeake and Potomac Telephone Co. Vilmorin, Andrieux & Co. J. L. Loose T. S. Hubbard Co. F. Sander & Co. Vilmorin, Andrieux & Co. Jas. Veitch & Sons The Geo. W. Knox Express Co. Total	Vines, etc. Plants Seeds Plants Transportation	\$10.34 3.22 233.50 3.12 38.45 138.63 58.15 .70 7,695.90

RECAPITULATION.

First quarter	\$4,936.62
Second quarter	10, 337, 16
Third quarter	54, 241, 78
Fourth quarter	48, 731, 56
Supplemental	7, 695, 90
T.F.	.,

Total 125, 943, 02

FOREIGN SEED AND PLANT INTRODUCTION.

Date.	Name.	Nature of payment.	Total.
1900.			
July 31	Jared G. Smith et al	Salaries	\$715.00
Aug. 1	M. A. Carleton	Salary	303.30
11	Cheshire Manufacturing Co	Copper labels	5.62
	Walter T. Swingle	Traveling expenses	24.70
21	Anderson & Co	Foreign seeds	185.43
	Alex. Tacussal & Son	Grape cuttings	83.25
31	Jared G. Smith et al	Salaries	699.20
Sept. 4	M. A. Carleton	Salary	151.60
4	Peter Henderson & Co	Wheat	52.20
1.5	United States Envelope Co.	Envelopes	13.80
15	Houghton & Delano	Mounts	. 85
17	Peter Henderson & Co	Bulbs	105.00
	Max. Koch	Seeds	45.75
4.0	Vilmorin, Andrieux & Co.	Tobacco seeds	20.00
18	J. B. Davy	Chinese water chestnuts	2.50
24	Robt. Gair	Seed pockets	32. 76
	The Geo. W. Knox Express Co	Transportation	1.25
90	Vilmorin, Andrieux & Co.	White lupine	67.79
29	Jared G. Smith et al	Salaries	681.60
	Total first quarter		3, 191. 60
Oot 9	N A C1-4	0-1	*0.0*
Oct. 2	M. A. Carleton	Salary	73.37
3	D. G. Fairchild	do	59. 78
4	J. P. William & Bro United States Envelope Co	Seeds	24.33
4	W. W. Michaux	Envelopes	15.40
5	W. W. MICHAUX	Wheat	10.30
o o	Thos. Cook & Son Pennsylvania R. R. Co	Passenger transportation	105.84
9	J. Crawford	Rubber plant seeds	10.00
10	R. Carter Ballantyne		20.00 2.20
16	Ernest Betz	Tags	7. 20 7. 20
10	D. Frank Parker	Mailing tubes	3, 75
20	M. A. Carleton	Typewriter paper Expenses	280.04
20	R. Carter Ballantyne	Tags	3,70
30	Mackall Bros	Moth balls, etc.	2.25
00	Postal Telegraph Cable Co	Cablegram	4.41
31	J.G. Smith et al	Salaries	480, 47
Nov. 2	Library Bureau	Cards	21.60
21011 10	Vilmorin, Andrieux & Co.	Wheat	39.60
	Western Union Telegraph Co	Telegraph service	33. 21
3	W. T. Swingle	Salary	168.50
5	J. P. Williams & Bro	Tea seeds	58.40
12	M. A. Carleton	Traveling expenses	572.36
20	Edmund Manthner	Wheat, etc.	106.47
27	The George W. Knox Express Co	Transportation	51.19
	J. G. Smith	Traveling expenses	14. 90
30	J. G. Smith et al	Salaries	395, 26
			330.10

FOREIGN SEED AND PLANT INTRODUCTION—Continued.

14				
Dec. Walter T. Swingle	Date.	Name.	Nature of payment.	Total.
1901. 3	1900.			
1901. 3	Dec. 1	Walter T. Swingle	Salary	\$163.00
1901. 3		United States Envelope Co	Manila envelopes	7.70
1901. 3	14	Jas. R. Collins.	Seed bags	31.70
1901. 3	17	The Geo. W. Knox Express Co.	Transportation	323 82
1901. 3	18	Gustav Zulzer	Clover seeds	12.56
1901. 3	29	Trumbull & Beebe	Seeds	12.00
1901.	31	J. G. Smith et al	Salaries	430.10
1901.		Total second quarter		2 502 40
Jan. 3 Chr. Lorenz	1901.	rotar second quarter		9. 909. 19
1		Chr. Lorenz	Seeds	2, 45
1		W.T.Swingle	Salary	168.50
Feb. 3 1 G. Smith et al. x & Co. Salaries 569.3		U. S. Express Co.	Transportation	38.62
Feb. 3 1 G. Smith et al. x & Co. Salaries 569.3	18	D. G. Feinshild	Lumber	22.43
Feb. 3 1 G. Smith et al. x & Co. Salaries 569.3	W1	United States Envelope Co	Envelones	45 15
Radolph. West & Co	26	Wm. R. Rupp. Agt	do	4.25
Radolph. West & Co		J. G. Smith et al	Salaries	569.33
Radolph. West & Co	Feb. 1	Vilmorin, Andrieux & Co	Seeds	48.62
Radolph. West & Co	2	The Ball and Socket Manufacturing Co	Labels	12.00
Radolph. West & Co	4 5	E. M. V. Proskowetz, jr	Seeds	100.00
Radolph. West & Co	9	J. Colombo	Alfalfa seeds	6.76
Radolph. West & Co	11	Church & Stephenson	Lumber	3.60
Radolph. West & Co	13	Vilmorin, Andrieux & Co	Seeds	5.16
Radolph. West & Co	20	M. A. Carleton	Expenses	7.00
Mar. 2 Edw. S. Schmidt Moss 3.77 13 Jas. R. Collins Cotton-seed bags 62.77 14 R. Carter Ballantyne Mineograph and tags 17.36 Church & Stephenson Lumber 78.00 The Geo. W. Knox Express Co. Transportation 1112.02 Vilmorin, Andrieux & Co Seeds 56.75 Library Bureau Cards 48 Aug. Rhotert Custom-house charges 1.50 Alfred Dale Cotton seeds, etc 20.02 L. Boehmer & Co Japanese hemp 92.50 19 R. G. Shaw & Co Indian tea seeds 55.88 30 Ernst A. Bessey et al Salaries 529.61 Total third quarter 2.737.32 2.737.32 Apr. 1 G. D. Brill Salaries 529.61 Pemsylvania R. R. Co Passenger transportation 15.58 Southern California Rwy. Co Transportation 40.53 Houston and Texas Central R. R. Co Transportation 4.95 Houston and Texas Central R. Co	23	Western Union Telegraph Co	Telegraph service	
Mar. 2 Edw. S. Schmidt Moss 3.77 13 Jas. R. Collins Cotton-seed bags 62.77 14 R. Carter Ballantyne Mineograph and tags 17.36 Church & Stephenson Lumber 78.00 The Geo. W. Knox Express Co. Transportation 1112.02 Vilmorin, Andrieux & Co Seeds 56.75 Library Bureau Cards 48 Aug. Rhotert Custom-house charges 1.50 Alfred Dale Cotton seeds, etc 20.02 L. Boehmer & Co Japanese hemp 92.50 19 R. G. Shaw & Co Indian tea seeds 55.88 30 Ernst A. Bessey et al Salaries 529.61 Total third quarter 2.737.32 2.737.32 Apr. 1 G. D. Brill Salaries 529.61 Pemsylvania R. R. Co Passenger transportation 15.58 Southern California Rwy. Co Transportation 40.53 Houston and Texas Central R. R. Co Transportation 4.95 Houston and Texas Central R. Co	27	Adams Express Co	Transportation	8 33
Mar. 2 Edw. S. Schmidt Moss 3.77 13 Jas. R. Collins Cotton-seed bags 62.77 14 R. Carter Ballantyne Mineograph and tags 17.36 Church & Stephenson Lumber 78.00 The Geo. W. Knox Express Co. Transportation 112.02 Yilmorin, Andrieux & Co Seeds 56.75 Library Bureau Cards 48 Aug. Rhotert Custom-house charges 1.50 Alfred Dale Cotton seeds, etc 20.02 L. Boehmer & Co Japanese hemp 92.50 19 R. G. Shaw & Co Indian tea seeds 55.88 30 Ernst A. Bessey et al Salaries 529.01 Total third quarter 2.737.32 2.737.32 Apr. 1 G. D. Brill Salaries 529.01 Pemsylvania R. R. Co Passenger transportation 15.58 Southern California Rwy. Co Transportation 40.59 20 Southern California Rwy. Co Transportation 40.02 Houston and Texas Central	~ .	do	do	13.17
R. Carter Balantyne	28	J. G. Smith et al	Salaries	507.54
R. Carter Balantyne	Mar. 2	Edw. S. Schmidt	Moss	3.75
R. Carter Balantyne	10	Jas. R. Collins	Cotton-seed bags	62.77
Aug. Rhotert	15	P. Conton Pollontrino	Minneagaph and tage	90. 90 17 90
Aug. Rhotert	14	Church & Stephenson	Lumber	78.00
Aug. Rhotert		The Geo. W. Knox Express Co.	Transportation	112.02
Apr. 1	18	Vilmorin, Andrieux & Co	Seeds	56, 75
Apr. 1		Library Bureau	Cards	. 48
Total third quarter Salaries 529, 61		Aug. Rhotert	Custom-house charges	1. 00
Total third quarter Salaries 529, 61		L. Rochmer & Co	Japanese hemp	92.50
Total third quarter Salaries 529, 61	19	R. G. Shaw & Co.	Indian tea seeds	50.88
Apr. 1 G.D. Brill Pennsylvania R. R. Co Passenger transportation 15.85 Southern Pacific Co Dasker Letter books, etc 11.50 Dask Co Dasker Co Da		Ernst A. Bessey et al	Salaries	529.61
Apr. 1 G. D. Brill				2,737.32
Pennsylvania R. R. Co				
11.50 20 20 20 20 20 20 20	Apr. 1	G.D.Brill	Salary	عرب برزال. ((Cr
11.50 20 20 20 20 20 20 20		Pennsylvania K. K. Co	Passenger transportation	10.85
29 G. D. Brill Expenses 115.17 Vilmorin, Andrieux & Co Seeds 93 Seads 93 Seads 93 Seads 93 Seads 93 Seads 94 Seads 95 Sea	6	Ino C Parker	Letter books etc	11 50
29 G. D. Brill Expenses 115.17 Vilmorin, Andrieux & Co Seeds 93 Seads 93 Seads 93 Seads 93 Seads 93 Seads 94 Seads 95 Sea	12	Jas. R. Collins	Seed bags	
29 G. D. Brill Expenses 115.17 Vilmorin, Andrieux & Co Seeds 93 Seads 93 Seads 93 Seads 93 Seads 93 Seads 94 Seads 95 Sea	20	Southern California Rwy. Co	Transportation	40.02
29 G. D. Brill Expenses 115.17 Vilmorin, Andrieux & Co Seeds 93 Seads 93 Seads 93 Seads 93 Seads 93 Seads 94 Seads 95 Sea	22	Dammann & Co	Wheat	45.60
29 G. D. Brill Expenses 115.17 Vilmorin, Andrieux & Co Seeds 93 Seads 93 Seads 93 Seads 93 Seads 93 Seads 94 Seads 95 Sea	977	United States Express Co	Passenger transportation	4. 93
29 G. D. Brill Expenses 115.17 Vilmorin, Andrieux & Co Seeds 93 Seads 93 Seads 93 Seads 93 Seads 93 Seads 94 Seads 95 Sea	21	do	do	10. 55
United States Express Co		Adams Express Co	do	
United States Express Co	29	G. D. Brill	Expenses	115. 17
United States Express Co		Vilmorin, Andrieux & Co	Seeds	. 93
United States Express Co		Ernst A. Bessey et al	Salaries	ə67. UU
United States Express Co	May 2	Vilmonn Andrioux & Co	Tea seed	28.56
United States Express Co	3	The Chesapeake and Potomac Telephone	Telephone rents	6, 25
The Texas and Pacific Rwy. Co		_Co.		4 20
The Texas and Pacific Rwy. Co	01	United States Express Co	Transportation	
The Texas and Pacific Rwy. Co	21	Paul Hiser, Jr., & Bro	Passanger transportation	5 00
June 7 C.S. Scoffeld Services 85.20 15 Rudolph, West & Co Hardware 3.84 18 J. P. Williams & Bro Seeds 27.98 T. Watase do 125.00	21	The Texas and Pacific Rwy Co	do	19.15
June 7 C.S. Scoffeld Services 85.20 15 Rudolph, West & Co Hardware 3.84 18 J. P. Williams & Bro Seeds 27.98 T. Watase do 125.00		Southern Rwy. Co.	do	99 65
June 7 C.S. Scoffeld Services 85.20 15 Rudolph, West & Co Hardware 3.84 18 J. P. Williams & Bro Seeds 27.98 T. Watase do 125.00	28	Western Union Telegraph Co	Service	6.89
June 7 C.S. Scoffeld Services 85.20 15 Rudolph, West & Co Hardware 3.84 18 J. P. Williams & Bro Seeds 27.98 T. Watase do 125.00		do	do	2.71
June 7 C.S. Scoffeld Services 85.20 15 Rudolph, West & Co Hardware 3.84 18 J. P. Williams & Bro Seeds 27.98 T. Watase do 125.00	01	Blue Line Transfer Co	Transportation	5.0 00
15 Rudolph, West & Co Hardware 3, 84 18 J. P. Williams & Bro Seeds 27, 98 T. Watase do 125, 00 do do 79, 00		C.S. Scoffeld	Services	85, 20
18 J. P. Williams & Bro Seeds 27, 98 T. Watase do 125, 00 do 79, 00	15	Rudolph, West & Co	Hardware	3.84
T. Watase do 125.00 79.00		J. P. Williams & Bro	Seeds	27.98
ao		T. Watase	do	125.00
		ao	u0	19.00

FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name.	Nature of payment.	Total.
1901. June 18 21 22 25 29	R. Carter Ballantyne Western Union Telegraph Co J. E. Turton. Baltimore and Ohio B. R. Co E. A. Bessey et al. Total fourth quarter.	Tags Passenger transportation Salaries	\$4.46 1.99 9.00 20.25 527.00 4,169.16
	Supplemental.	=	1,100.10
July 5	W. T. Swingle C. S. Scofield Adams Express Co Vilmorin, Andrieux & Co Rossier Freres et Soenn C. A. Nobelius	Apple trees	11.80 41.20 22.68 4.05 28.95 53.53
13 16 19 30 Aug. 2	F. Ferguson & Son Hunter & Sons. The Geo. W. Knox Express Co T. Watase United States Express Co Jno. C. Parker Lindanls Frohandel	Fruit trees	16.30 18.12 117.64 100.00 151.01 1.05 4.69
9 20	F. A. Tschiffely, jr Carl S. Scofield do United States Envelope Co	Carbon Expenses Traveling expenses Envelopes	2.50 4.54 31.57 7.70
Oct. 21	Chesapeake and Potomac Telephone Co William Jacobs Owen & Co	Seeds, etc	13.80 6.25 96.61
11	R. F. Patterson The Geo. W. Knox Express Co	Freight charges Transportation	21.90 17.66
	Total		773.55

First quarter	\$3, 191, 60
Second quarter	3, 583, 49
Third quarter	2, 737, 32
Fourth quarter	4, 169, 16
Supplemental	773.55
Total	14, 455, 12

INVESTIGATING PRODUCTION OF DOMESTIC SUGAR.

Date.	Name.	Nature of payment.	Total.
1900. July 3: Aug. 1: 3: Sept. 5:	Chas. F. Saylor do do J. P. Nawrath Chas. F. Saylor do	Traveling expenses Salaries Wax paper Expenses Salary	\$100.50 225.00 5.25 96.36 100.50 73.50 4.35 225.00 164.22
	Total first quarter		994. 68
Oct. 3	R. Carter Ballantyne Albert A. Denton Chas. C. Van Horn Rudolph, West & Co Chas. F. Saylor do National Electrical Supply Co	Passenger transportation Salary Tags Salary Weisbach mantles Tin cups Traveling expenses Expenses Pulley Tulley	6.55 225.00 8.80 100.00 3.00 2.70 95.93 21.75 1.70
Nov.		Salaries Envelopes Flasks	235.30 9.00 35.50

INVESTIGATING PRODUCTION OF DOMESTIC SUGAR-Continued.

1900. Nov. 3 Chas. F. Saylor Salary Traveling expenses Chas. F. Saylor Salary Chas. F. Saylor Salary Chas. F. Saylor	
Nov. 5 Chas. r. Saylor Salary 22	*****
do	\$225.00 98.32
20 Albont A Dorden	9.40
	100.00 229.40
Dec. 5 The Minnesota and St. Louis R. R. Co Passenger transportation	8. 92
Union Facility R. Co	7.43
14 United States Envelope Co. Envelopes.	23 10
19 E. E. Ewell Traveling expenses 20 Jas. R. Collins Seed bags	4. 12
11 Chas. F. Saylor	19. 02 139. 63
Total second quarter	1,834.57
Jan. 2 Chicago and Northwestern Rwy. Co Passenger tansportation	9.80
14 Chas, F. Saylor Salary	225 00
do Traveling expenses Expenses	124.53 39.75
doTraveling expenses	41.36
Leather belting	17.80 1.32
do	6.40
Taveling expenses	101.70
Feb. 15 Chas. F. Saylor Salary Expenses	225, 00 50, 00
27 Chicago, Rock Island and Pacific Rwy. Co. 28 M. S. Chamberlin et al 2	8.00
28 M.S. Chamberlin et al Salaries Mar. 11 Chas. F. Saylor Traveling expenses	96.60 72.55
do Traveling expenses Expenses	55.00
18 Z. D. Gilman Expenses Mailing cases	12.50
18 Z. D. Gilman Mailing cases 30 M. S. Chamberlin et al. Salaries	101.70
Total third quarter	1,464.01
Apr. 2 Chas. F. Saylor Salary	225, 00
96 do Trovoling ovnonces	85.45
1	30.00 99.50
May 2 Chas. F. Saylor Salary 3do Expenses	225, 00
3do	7.50 93.42
do Traveling expenses 31 M.S. Chamberlin et al. Salaries June 4 Southern California Rwy. Co Passenger transportation	101.00
June 4 Southern California Kwy, Co Passenger transportation	54.25 225.00
13 Chas. F. Saylor Salary Traveling expenses Traveling expenses	97. 37
Expenses	7.75 97.58
	89.15
28 H. W. Wiley Traveling expenses	99.50
Total fourth quarter	1,537.47
Supplemental.	
July 19 Chas. F. Saylor Salary	225.00
United States Express Co Baltimore and Ohio R. R. Co Baltimore and Ohio R. R. Co Control of the Control of t	64.50 8.79
Baltimore and Ohio R. R. Co Chicago, Burlington and Quincy R. R. Co The Lake Shore and Michigan Southern The Lake Shore and Michigan Southern	12.95
Chicago, Burlington and Quincy R. R. Co	4.21 7.70
Rwy. Co.	*****
Chicago, St. Paul, Minneapolis and Omahado	11.50
Rwy. Co. 29 M. A. Scovelle Raising beets	50.00
H. A. Huston do	
R. H. Snow	50.00
W. B. Alwood do do do	-50.00 50.00
Jas. Atkinson do 31 L. A. Clinton do	50.00
Aug. 2 Chicago Great Western Rwy. Co Passenger transportation	8.00
19 Melville Lindsay Rubber boots Raising beets	3.50 50.00
Oct 5 Chicago and Northwestern Rwy Co Passenger transportation	8.54
Pennsylvania Cododo	17.50
Total	772.19

RECAPITULATION.

1	First quarter Second quarter Third quarter Fourth quarter Supplemental	1.537.4	-7
	Total	6, 602, 9	2

TEA-CULTURE INVESTIGATION.

Date.	Name.	Nature of payment.	Total.
1900.			
Oct. 12	Chas. U. Shepard	Expenses	\$187.43
000. 14	Isaac Auld	Services	60. 82
16	Rufus Knight	Lumber	23. 27
18	O. C. Sires & Bro	Cement, etc	14.65
20	J. V. Brandt	Pipe	9.00
Nov. 12	do	Pipe, etc	43.60
14	Marshall, Sons & Co	Apparatus	1,006.08
22	Rumsey & Co	Plunger	6.0
	Hocking Valley Manufacturing Co	Coupling, etc	6.8
	A. R. Tomlinson	Harness	30, 00
	Wm. M. Bird & Co.	Oil, paint, etc	14.21
		Staples, etc	3, 16
		Expenses	104.13
	do	do	37.50
	do	do	35.96
28	Isaac Auld	Hire of mules	10. 83
		Labor	16. 2
Dec. 3	The Bailey Lebby Co	Pipe, etc	14. 81
Dec. o	do	do	39. 76
14		Expenses	125, 42
29		Pipe, etc	4. 43
20	The baney nebby Co	1 1pe, etc	T. I.
	Total second quarter		1, 794. 13
1901.) i	
Jan. 3	Chas. U. Shepard	Expenses	35.00
oan. o	Isaac Auld	Mule hire	22.0
		Bricks, etc	39. 70
	A. W. Taylor	Brick	17.00
		Negatives	22.0
21		Mule hire	39.55
Feb. 1	Chas. U. Sherard		105.00
12		ExpensesLabor	31. 97
13	R. S. Long Chas, U. Shepard	Expenses	241. 92
19		Pipe	33, 68
19		•	
	Total third quarter		587.92
May 3	Chas. U. Shepard	Expenses	35, 00
	Jno. F. Riley	Cutter for artesian well	44.67
	O.C. Sires & Bro	Lime	9.00
	Total fourth quarter		88. 67

RECAPITULATION.

Second quarter Third quarter Fourth quarter	587.92
Total	2,470.74

TEA-CULTURE INVESTIGATIONS.

[Appropriation, 1900-1901.]

Date.	Name.	Nature of payment.	Total.
1900. July 2: Aug. 3:	Rumsey & Co., Limited	Tea-garden experimentsdo Negatives	34.30

TEA-CULTURE INVESTIGATIONS -Continued.

Date.	Name.	Nature of payment.	Total.
1900.	Paggis E Classes		210.00
Aug. 23	Bessie E. Green Isaac Auld	Chemical work	\$10.00 21.70
	do	do	18.90
29	O. C. Sires & Bro Marshall Wescoat & Co	Cement	22.50 25.75
140	Rufus Knight	Lumber	24. 79
	do	do	47.77
	Jno. S. Horlbeck A. W. Taylor	Pipes Bricks	46.50 25.12
Sept. 7	Jos. Wild & Co	Matting	468.00
15	Bessie E. Green	Services	8.00
	Isaac Auld Chas U. Shepard	Services, mules	30.45 148.21
17	The Bailey Lebby Co	Expenses Wire netting	166. 80
	do	Tank	50.00
21	A. W. Taylor Rufus Knight	Bricks Lumber	15.00 4.16
24	A. W. Taylor	Brick	22.50
	Total first quarter		1,352.20
Oct. 2	Hocking Valley Manufacturing Co	Arch stand, etc.	4.76
Nov. 22	Chas, U. Shepard	Tank material	6.60
24	Southern Rwy. Co	Transportation	36.49
	'Total second quarter		47.85
1901.			
Feb. 19	Jno. F. Riley	Tea-withering machine	226.60
Mar. 11	Chas. U. Shepard J. V. Brandt	Expenses Brick and clay	262.05 6.00
12	The Goulds Manufacturing Co	Iron horsepower	75.00
	Total third quarter		569.65
A 10	The LT Mett Iven Weeks	Humana aa	100.00
Apr. 12 May 3	The J. L. Mott Iron Works Chas. U. Shepard	Furnace Expenses	108.00 46.55
4	Southern Rwy. Co Marshall, Sons & Co., Limited	Transportation	103.47
	Marshall, Sons & Co., Limited	Tea-sifting apparatus	260.96
	Total fourth quarter		518.98

RECAPITULATION.

First quarter	\$2,352,20
Second quarter	47.85
Third quarter	569, 65
Fourth quarter	518.98
Total	2,488.68

WEATHER BUREAU-FUEL, LIGHTS, AND REPAIRS.

Date.	Name.	Nature of payment.	Total.
1900. July 31 Aug. 31 Sept. 15	Joshua Carey et aldo	Repairs to Weather Bureau	\$429.52 463.80 12.00
	W. H. Butler Thos R. Fowler Washington Gaslight Co Forsberg & Murray Wallace & Meuchine Seth Schell	Paint Hauling ashes Gas Repairs to heating apparatus Covering steam pipes Repairs to heating apparatus.	9.00 31.20 89.00 153.00 452.00
20 30	National Electrical Supply Co Jas. B. Lambie Washington Gaslight Co Hugh Reilly Joshua Carey et al	Gas Window glass	12.36 31.90
Oct. 1	Total first quarter Thos. R. Fowler do	Hauling	2,146.47

WEATHER BUREAU-FUEL, LIGHTS, AND REPAIRS-Continued.

		l.		
	1900.		•	
UC	t. 3	The E. F. Brooks Co The Cranford Paving Co. W. H. Dyer The Alleghany Co. Washington Gaslight Co. Jno. Maury Dove Thos. Somerville & Sons	Globes and wicks	\$5.40
	6	The Cranford Paving Co	Laying asphalt	138.25 6.75 151.36
	18	The Alleghany Co.	Slat doors Coal	151.36
		Washington Gaslight Co	Gas Gas Charcoal Supplies do Fire-alarm service	33, 30
	30	Jno. Maury Dove	Charcoal	. 20 57. 18
		do do	Supplies	17. 69
		To at a standard Pierra Allandard Co	Fire-alarm service	12.50
		Instantaneous Fire Alarm Co Rudolph, West & Co Hugh Reilly Joshua Carey et al Thos. R. Fowler Jno. Moran Joshua Color	Metal ceiling Glass	108.00
	31	Hugh Reilly	Glass	49.60 423.80
No	ov. 2	Thos. R. Fowler	Salaries Hauling ashes Droplight	6.75
	ov. 2 23	Jno. Moran	Droplight	1.00
		do	Stoves etc	49.00
			Coal	8.09 34.00
		Washington Gaslight Co	Gas	35, 70
-	30	Joshua Carey et al	Salaries Bone dust	410.73
De	ec. 3	m B B 1	Bone dust	$3.00 \\ 10.50$
	19	Jno. Moran	HaulingStove	12.50
		Washington Gaslight Co.	Gas	41, 40
		The Allegheny Co	Coaldo	174.80
	31	Thos. K. Fowler Jno. Moran Washington Gaslight Co. The Allegheny Co. do Joshua Carey et al	Salaries	34. 99 373. 80
	01			
		Total second quarter		2,214.04
	.901.	T. 1	*** 1	2.0
Ja	n. 3	Johnson Brothers	Wood	2.85 5.25
		Jno. Moran The Allegheny Thos. R. Fowler Wm. J. Zeh Johnson Brothers Washington Gaslight Co. Hugh Reilly Jno Moran	Weisbach burner Coal Hauling rubbish	6.44
	11 17	Thos. R. Fowler	Hauling rubbish	12.00
	17	Wm. J. Zeh	Coal Wood	10. 54
		Washington Gaslight Co	Goe	5.70 45.80
		Hugh Reilly	Light glass	1.47
	90	Hugh Relly Jno. Moran Wm. J. Zeh Joshua Carey et al Jno. Moran The Allegheny Co Wm. J. Zeh Wm. J. Zeh	Light glass Repairs to gas stoves.	1. 47 6. 75 4. 93
	29 31	Wm. J. Zeh	Coal	4. 93 423. 70
Fe		Jno. Moran	Salaries Cover for sewer trap Coal	5. 00
		The Allegheny Co	Coal	6.38
		Wm. J. Zeh	do	7.87
	18	Wm. J. Zeh The Allegheny Co Washington Gaslight Co	Gas	332.57 48.20
	23	Jno. Moran	Repairs to lighting apparatus Repairs to building	6.00
		do	Repairs to building	12.50
	29	The Allegheny Co. Joshua Carey et al Thos. R. Fowler	Coal	168. 73 382. 60
		Thos. R. Fowler	Hauling ashes	12.00
Ma		Wm. J. Zeh		9.14
	12	Coo F Muth & Co	Oil	9.02
	22	Thos. Somerville & Sons	Pipe, etc	$\frac{1.60}{9.77}$
		do	Pipe, etc Repairs to heater Wax tapers Gas	3.10
		C. A. Muddiman & Co	Wax tapers	$\frac{.60}{45.70}$
		The Allegheny Co	Coal	45.70 6.25
		do	do	167.65
	30	Thos. R. Fowler Wm. J. Zehdo Geo. F. Muth & Co. Thos. Somerville & Sonsdo C. A. Muddiman & Co. Washington Gaslight Co. The Allegheny Codo Joshua Carey et al Thos. R. Fowler	Salaries	401.07
		Thos. R. Fowler	Hauling	15.00
		Total third quarter		2, 176. 18
Ap	or. 6	The Allegheny Co. National Electrical Supply Co. M. Du Perow Washington Gaslight Co. P. Mann & Co. National Electrical Supply Co. H. C. Roberts Electrical Supply Co. Wm. J. Zeh Joshua Carey et al	Coal	168.85
		National Electrical Supply Co	Lamps Cut-outs	21.60
	16	Washington Gaslight Co	Gas	$1.56 \\ 52.80$
	10	P. Mann & Co.	Fertilizer Services	10.00
	10	National Electrical Supply Co	Services	40.00
	18 24	Wm. I. Zeh	do	. 50
	30	Joshua Carev et al	Coal	5.71 385.49
Ma		Joshua Carey et al National Electrical Supply Co do Jno. Moran	Wire	. 54 2. 40
		do	Compression cups	2.40
	13	dodo	Repairs to steam pipes	- 4.50 5.00
	23	do Washington Gaslight Co Hugh Reilly	Gas	46.90
		Hugh Reilly	Glass	1.70

WEATHER BUREAU-FUEL, LIGHTS, AND REPAIRS-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
May 23	Hugh Reilly The Allegheny Co	Glass Coal	\$1.00 6.81
	Jno. Moran	Repairing washstand	167.83 6.00
31	Church & Stephenson Thos. R. Fowler	Wainscot copings	48.50
91	do	Hauling ashesdo	10.00 11.00
June 1	Joshua Carey et al	Salaries Lumber	376.80 17.06
11	Jas. B. Lambie Chas. Becker	Bar of iron	. 66
	Thos. Somerville	Solder	7.15 1.70
18 29	Geo. F. Muth & Co. Joshua Carey et al		5. 95 366. 60
	Thos. R. Fowler	Hauling ashes	7.50
	Total fourth quarter		1,782.11
	Supplemental.		
July 1	S. S. Shedd & Bro	Supplies, gas fixtures	4.20
6	Hugh Reilly Washington Gaslight Co	Glass Gas	1.25 40.49
	Jno. Moran M. Du Perow	Repairing Welsbach light Springs	1.60 2.40
10	The Allegheny Co	Coal	177.42
18	Jno. Moran Washington Gaslight Co	Stationary washstand	35.00 41.60
Aug. 6	Thos. R. Fowler Hugh Reilly	Hauling ashes	8.00 .50
	do	Glass Painting railing	. 68 158, 40
Sept. 13 27	Barber & Ross The Allegheny Co	Coal	87. 02
	Total		558, 56

RECAPITULATION.

Third quarter Fourth quarter	2,176.18 1,782.11

WEATHER BUREAU—CONTINGENT EXPENSES.

Date.	Name.	Nature of payment.	Total.
1900.			
July 18	Mary S. Hazen	Supplies	\$76.25
24	Postmaster, Washington, D. C	Postage stamps Services and material	517.00
25	Otis H. Miller & Bro	Services and material	83.00
	The Post-Office Department	Maps	40.80
Aug. 14	S. J. Meeks's Sons	Spring wagon, etc	145.00
16	S. P. Johnson	Caligraphs	139.50
Sept. 15	Geo. Meier & Co	Bronze gold	3.75
-	W. B. Moses & Sons	Office furniture	29.50
	Gustav Hartig	Bar pads, etc	37.70
	Wyckoff, Seamans & Benedict	Typewriter paper	31.50
	Louis Hartig	Nails	6.80
	Chas. Becker	Shellac, etc	31.40
	W. M. Galt & Co	Forage	
	The J. C. Ergood Co	Soap	
	Adams Express Co	Transportation	
	L. S. Depue	Forage	26.40
	Lucy H. Payne		10.25
	Jno. C. Parker	Letterpresses, etc	53.94
	N. Humphrey	Castors	3.90
	Wm. T. Baldus	Phosphorus paste	3.00
	B. B. Ernshaw & Bro	Rye straw, middlings, etc	
	Jas. B. Lambie	Soap, etc	15.48
	W. M. Galt & Co	Hay	12.37
	Capital Traction Co		20.00
	do	do	20.00

WEATHER BUREAU-CONTINGENT EXPENSES-Continued.

Dat	te.	Name.	Nature of payment.	Total.
190	0.			
Sept		Richard L. Lamb	Numbering machine	\$9.8
		L. S. Depue	Forage	13.2
		The Sementille & Sens	Comont	25. 9 4. 2
		Rudolph, West & Co	Screws	29.4
	24 25	Manhattan Electric Supply Co	Rubber tubing	5.5
	25	Action Learn Learn Learn Learn Learn Learn Lee Co Thos. Somerville & Sons Rudolph, West & Co Manhattan Electric Supply Co. American Ice Co	Cement Screws Rubber tubing Ice	29.0
		Total first quarter		1,534.1
Oct.	1	Jno. C. Parker Lucy H. Payne Albert Kahlert & Co.	Voucher boxes	15.0
	0	Lucy H. Payne	Washing towels	10.4
	3	Albert Kahlert & Co	Storage and cleaning carpetsdo	2.8 1.0
		The Andrew J. Joyce Carriage Co	Renairing carriage	41.2
		W. G. Duckett	Medicine for horses	2.8 5.0
		do The Andrew J Joyce Carriage Co W. G. Duckett do	Santizone	5.0
		Ing Moren	Repairs to typewriter	5. 2 2. 5
		J. T. Walker Sons	Lime	7.7
		Church & Stephenson	Lumber Embossing	399.8
		Smith Premier Typewriter Co. Jno. Moran J. T. Walker Sons Church & Stephenson J. T. Thomson S.J. Meek's Sons	Embossing	18.0
		S.J. Meeks's Sons	Repairs to wagon Red lead Borax	15. 5 2. 4
		Chas. Becker Z. D. Gilman	Borax	. 6
		L. S. Depue	Forage	13.2
	4	L.S. Depue The Chesapeake Electric Co B.B. Ernshaw & Bro The Morris Joyce Engraving Co	Sockets	3.5
	6	Che Morris Love Engraving Co	Rye straw Photo plates Drills, handles, etc. Hay Fan motors, etc	8.2 34.3
		Jas. B. Lambie	Drills, handles, etc.	6.0
		W. M. Galt & Co	Hay	12.3
		M. Du Perow	Fan motors, etc	156.8
		The Andrew I Joyce Corriege Co	Rubber tires Repairing bicycle Umber, etc	239.0 55.0
	18	Acme Repair and Bicycle Co	Renairing bicycle	6.2
		Hugh Reilly	Umber, etc	6.2 1.4
		Geo. F. Muth & Co	Paper	29.8
		National Floatrical Supply Co	White lead, etc	41.1 3.3
		The Morris Joyce Engraving Co Jas. B. Lambie W. M. Galt & Co M. Du Perow Jno. C. Parker The Andrew J. Joyce Carriage Co Acme Repair and Bicycle Co Hugh Reilly Geo. F. Muth & Co M. S. Moses & Sons Lucy H. Payne G. E. Stechert Wm. Murray & Son W. M. Galt & Co J. T. Walker & Sons The Smith Premier Typewriter Co Dulin & Martin Co L. S. Depue do	White lead, etc. Desks, fans, etc. Water coolers, etc.	28. 4
	19	Lucy H. Payne	Towel service	9.4
	26	G. E. Stechert	Book Roach poison	1.1 7.5
	30	W M Golt & Co	Forage	7. 5 8. 2
	90	J. T. Walker & Sons	Forage Lime Repairs to typewriters Cuspidors Forage do Iron Repairing typewriter Files Dictionaries Transportation Ice	.7
		The Smith Premier Typewriter Co	Repairs to typewriters	2.7 2.7 3.6
		Dulin & Martin Co	Cuspidors	3.6
		do	do	13. 2 13. 2
		L.S. Depue do Thos. Somerville & Sons. Wyckoff, Seamans & Benedict R. Carter Ballantyne Wm. Ballantyne & Sons. United States Express Co American Ice Co C. Schneider's Sons Rudolph, West & Co do L. J. Pullman Lutz & Co Hugh Reilly G. W. Mason Jas. K. Probey The Burnet Co H. C. Roberts Electric Supply Co Hugh Reilly do """ Hugh Reilly	Iron	13. 2 29. 1
		Wyckoff, Seamans & Benedict	Repairing typewriter	17.3
		Wm Ballantyne & Sons	Piles	11.5 19.0
		United States Express Co	Transportation	6.0
		American Ice Co	Ice	24.7
		C. Schneider's Sons	Repairing speaking tube Supplies Harness, brushes, etc.	5. 0 51. 1
		do do	Harnes brushes etc	31. 1 7 9
		E. J. Pullman	Repairing harness Supplies Rubber bumpers	7.2 7.2 24.7
		Lutz & Co	Repairing harness	24.7
т	10	Hugh Reilly	Supplies	83.6
Vov.	. 19	Iss K Prober	Panging to whom	4.0
		The Burnet Co	Nungesser batteries	38.5 21.0
	22 23	H. C. Roberts Electric Supply Co	Supplies	8.2 44.1
	23	Hugh Reilly	Paint and brushes	44.1
		The Chesaneake & Potomac Telephone Co	Repairs to wagon Nungesser batteries Supplies Paint and brushes Glass Telephone service	4.9 35.0
		Hugh Reilly do The Chesapeake & Potomac Telephone Co. do Jno. C. Parker Geo. F. Muth & Co. Houghton & Delano Fred. A. Schmidt Church & Stephenson The Smith Premier Typewriter Co. B. B. Ernshaw & Bro W. B. Moses & Sons Jas. B. Lambie	Inkstands, etc White lead, etc Unmounted prints	19.5
		Jno. C. Parker	Inkstands, etc	20.1
		Geo. F. Muth & Co	White lead, etc	56.5
		Fred. A. Schmidt	Blue paper	1.0
		Church & Stephenson	Blue paper Lumber Repairs to typewriter Forage Furniture	8.8 139.0
		The Smith Premier Typewriter Co	Repairs to typewriter	5.7
		B. B. Ernshaw & Bro	Forage	5.7 3.7
		Jas B Lambie	Stopladder	93. 1: 1. 2:
		Jas. B. Lambie Capital Traction Co. J. Baumgarten & Son.	Stepladder	20.0

Date.	Name.	Nature of payment.	Total.
1900.			
Nov. 23	J. Baumgarten & Sons	Rubber stampsdo	\$2.65
	do	do Forage	1. 19 3. 02
	do B. B. Ernshaw & Bro W. M. Galt & Co. Geo. F. Muth & Co.	Forage	3. 02 5. 29
	W. M. Galt & Co	Pumice stone	8.25 1.25
	The Maurice Joyce Engraving Co	Photoengraving plate	10.00 5.00
	Lutz & Co	Photoengraving plate Lines and saddle pads	5.00
	The Maurice Joyce Engraving Co Lutz & Co Lutz & Co Literary Bureau Jas. B. Lambie Woodruff Manufacturing Co. J. T. Thomson Clark & Davenport do Wm. H. Kaiser R. Carter Ballantyne Jas. K. Probey Jno. C. Parker do M. P. Bush	Lines and saddle pads Catalogue cards Carpet sweeper File crates Embossing envelopes Carpets, etc do Earthen jars Labels Harness	20.20 3.00
	Woodruff Manufacturing Co	File crates	70.00
	J. T. Thomson	Embossing envelopes	5. 40
	dodo	carpets, etcdo	111.97
	Wm. H. Kaiser	Earthen jars	113. 60 111. 97 6. 75 1. 90
	R. Carter Ballantyne	Labels	1.90
26	Jno. C. Parker	Harness	30.00 289.19
	do	Paper Fountain pen	5.00
Dec. 30	M. P. Bush Jno. C. Parker Lutz & Co J. Baumgarten & Sons	Soap	3.00 7.00
Dec. 3	Lutz & Co	Soap Fountain pen, etc Halters, etc. Rubber stamps Washing towels Leather seats Brass ring casting	4. 75
	J. Baumgarten & Sons	Rubber stamps	$\frac{4.75}{25.06}$
	Lucy H. Payne W. B. Moses & Sons Julien P. Friez Hutton & Hilton	Washing towels	10.55
4	Julien P. Friez	Brass ring casting	2.80
10	Hutton & Hilton	Listerine Celluloid	12.00 2.80 8.00
	Fred A. Schmidt The Maurice Joyce Engraving Co. India Alkali Works	Celluloid	. 75 4. 25
11	India Alkali Works	Celluloid Photo engravings House savogran Repairing harness Forage Paint, etc Stamp cabinet and stamp Rubber stripes for typewriter Repairing chair Shades and repairing chair Liquid bronze	12.00
14	India Alkan Works Lutz & Co. Leidy S. Depue Hugh Reilly Jno. C. Parker do W. B. Moses & Sons	Repairing harness	1.25
	Leidy S. Depue	Forage.	13.20
	Jno C Parker	Stamp cabinet and stamp	7. 60 14. 50
	do	Rubber stripes for typewriter	. 50
	W. B. Moses & Sons	Repairing chair	1.00
17	Geo Meier & Co	Liquid bronze	19.50 1.25
19	Geo. Meier & Co Chas. D. Jenkins Lucy H. Payne Geo. F. Muth & Co James B. Lambie Wm. H. Kaiser Mackall Bros	Map rack	55.00
	Lucy H. Payne	Washing towels	10.69
	James B Lambie	Iron plates	1.60 5.00
	Wm. H. Kaiser	Earthen jars	9. 58 1. 20
	Mackall Bros	Soap	1.20 6.00
	Lutz & Co Wm. M. Galt & Co	Shades and repairing chair Liquid bronze Map rack Washing towels Oil Iron plates Earthen jars Soap Horse blanket Forage do Rubber stamps	12.37
	Leidy S. Depue J. Baumgarten & Sons	do	13.20
	J. Baumgarten & Sons	Rubber stamps	1.45
	Total second quarter		3,001.4
1901. Ian. 3	The it of Chatan Francisco Co		
Jan. 3	United States Express Co	Transportation	5.48 1.10
	do do	do do	5.98
	American Ice Co	Ice.	37.00
	ago American Ice Co W. G. Ducket Wyckoff, Seamans & Beuedict Capital Traction Co. J. T. Walker Sons W. B. Moses & Sons Loo Morey	Ice	3. 50 13. 5
	Capital Traction Co	Car tickets	20.0
	J. T. Walker Sons	Lime	4.7
	W. B. Moses & Sons	Water cooler	6.50
	Jno. Moran	Wagon jack	6.00
	Jno. Moran Church & Stephenson Jas. B. Lambie	Lumber	75.00 4.7
	dodo	Rope, etc	10.23
5	Tengwall File and Ledger Co	Transfer file	1.28
11 17	Jas. B. Lambie do Tengwall File and Ledger Co Lucy H. Payne Houghton & Delano Leidy S. Depue B. B. Earnshaw & Bro Jno. Moran S. J. Meeks's Sons Geo. F. Muth & Co Jas. B. Lambie do do	Lime Stools Water cooler Wagon jack Lumber Gears Rope, etc Transfer file Washing towels Paper Forage	10.03
17	Leidy S. Depue	Forage	. 75 15. 70
	B. B. Earnshaw & Bro	Straw	3.87 1.50
	Jno. Moran	Faper Forage Straw Repairing speaking tube Repairing wagon Kalsomine Speaking tube	1.50
	Geo. F. Muth & Co	Kalsomine	24.00 1.3
	Jas. B. Lambie	Screw hooks	4.97
	do	Wire brushes	1.40
	do	Shovels, etc.	3. 50 3. 76
	do	Keys	4. 50 7. 68
	do do Albert Kahlert & Co	Keys Repairing carpet	

WEATHER BUREAU—CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1901.	TT 1 00 5	D	91
n. 17	Wyckoff, Seamans & Benedict	Repairing typewriter	\$1.
	Jno. C. Parker do W. B. Moses & Sons	Disc seals Paper Water-cooler stand	1. 5.
	W R Moses & Sons	Water-cooler stand	1.
	do	Linoleum	63.
	dodo	Window shades Chair	31.5
	do	Chair	5.
	J. Baumgarten & Sons	Frames	2.
	do	Rubber stamps	3. 7.
29		Transportation	4.
49	Capital Traction Co	Car tickets	20.
	American Ice Co	Ice	14.
	W. B. Moses & Sons	Window shades	4.
	James D. Lamble	Pipe, solder, etc	2.
	Jno. C. Parker	Washington Directories	15.
b. 7	Clark & Davenport	Carpets, etc	281.
0	do Albert Kahlert & Co	Altering carpets	25.
9	Louis Hartin	Cleaning carpets, etc	1.
	Louis Hartigdo	Horseshoes	35. 12.
	N. Humphrey	Castors Telephone rent	3.
	N. Humphrey The Chesapeake and Potomac Telephone Co	Telephone rent	35.
	do	do	20.
	The Chesapeake and Potomac Telephone Co do W. M. Galt & Co Woodward & Lothrop J. Baumgarten & Sons do Jno C. Parker	Forage Needles Rubber stamps do	12.
	Woodward & Lothrop	Needles	1.
	J. Baumgarten & Sons	Kupper stamps	2. 1.
	J. Battingarten & Sons do Jno. C. Parker The Smith Premier Typewriter Co. Jno. C. Parker B. B. Earnshaw & Bro. L. S. Depue Jas. B. Lambie Clark & Dayanport		1. 2.
	The Smith Premier Typewriter Co	Rengiring typewriter	6
	Foote, Pierson & Co	Supplies for telegraph	6. 7.
18	Jno. C. Parker	Repairing typewriter	7.
	B. B. Earnshaw & Bro	Straw	8.
	L. S. Depue	Uals	13.
	Jas. B. Lambie	Nails Rug fasteners	12.
		Rug fasteners	152.
	Smithsonian Institution United States Express Co	Transportation exchangesdo	193. 5.
	do	do	3.
23	Tengwall File and Ledger Co	File	1.
	Tengwall File and Ledger Co J. Baumgarten & Sons	File Repairs to stamp	1.
	Jas. B. Lambie	Wrenches	2.
	Fred. A. Schmidt	Making charts Millimeter paper Press clippings	2.
26	do Burrelle's Press Clipping Bureau	Millimeter paper	2.
28	Lucy H Payro	Washing towels	285. 10.
20	Lucy H. Payne Acme Repair and Bicycle Co The Smith Premier Typewriter Co Conital Transition	Renairs to hievele	
ar. 6	The Smith Premier Typewriter Co	Repairs to bicycle Repairs to typewriter	2.
	Capital Traction Co. W. M. Galt & Co. W. G. Duckett	Car tickets	20.
	W.M. Galt & Co	Forage Medicine for horses	12. 4.
	W.G. Duckett	Medicine for horses	4.
		Forage	15.
	W. P. Mogos & Cong	Ice	13.
	Rudolph West & Co	Repairing chairs Hinges, bolts, etc	13. 6.
	American Ice Co W. B. Moses & Sons Rudolph, West & Co J. Baumgarten & Sons	Rubber stamps	2.
12	Jas. B. Lambie	Dado plans, etc	ã.
	Clark & Davenport	Dado plans, etc Rug fasteners	4.
	United States Express Co	Transportation	5.
14	Jas. B. Lample Clark & Davenport United States Express Co Burrelle's Press Clipping Bureau G. E. Stechert Ameritan Ice Co L. S. Dayne	Press clippings Books	40.
99	G. E. Stechert	Books	68.
22	L. S. Dopue	Ice	11.
	L. S. Depue The Chesapeake and Potomac Telephone Co	Oats	13. 1.
	Lutz & Co	Moving telephone Horsewhips	4.
	do	Repairs to harness	3.
26	The A. J. Joyce Carriage Co W. B. Moses & Sons	Repairs to carriages Repairs to furniture, etc	39. 2.
00	W. B. Moses & Sons	Repairs to furniture, etc	
30	Lucy H. Payne	Washing towels	10.
	Total third quarter		1,718.
or. 6	J Baumgarten & Sons	Renairing deting stemps	1
pr. 0	J. Baumgarten & Sons Capital Traction Co	Repairing dating stamps Car tickets	1. 20.
	C. Becker	Harnoss drossing	20. 1.
	Wyckoff, Seamans & Benedict	Repairing typewriter	1.
	C. Becker Wyckoff, Seamans & Benedict Geo. F. Muth & Co Lutz & Co	Repairing typewriter Kalsomine	2.
	Lutz & Co	Materials and repairing car-	14.
		riage, etc.	
	do	Repairs to harness	4.

WEATHER BUREAU-CONTINGENT EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			
pr. 16	Albert Kahlert & Co	Repairs to carpet	\$3.
	W.M. Galt & Co	Forage	\$3. 12.
	B. B. Earnshaw & Bro	do	- 12
0.4	Jas. B. Lambie	Door lock	15. 14. 22.
24	Louis Hartig Wyckoff, Seamans & Benedict	Horseshoe nails, etc	15.
	Lutz & Co	Repairs to typewriter	14.
	do	Lap robe for carriage	99
	American Ice Co	Ice	15.
	R. Carter Ballantyne	Rubber pads	3.
ay 2	R. Carter Ballantyne Rudolph, West & Co	Lock	1.
	Jno. C. Parker W. B. Moses & Sons The Chesapeake and Potomac Telephone Co	Japanese paper	16
	W. B. Moses & Sons	Repairs to furniture	42.
	The Chesapeake and Potomac Telephone Co	Telephone rent	20.
0	do	do	35.
3 9	The Okonite Co	Copper wire	5.
9	Capital Traction Co	Street-car tickets Screws, bolts, etc	20. 3.
	Jas. B. Lambie Wm. G. Duckett	Horse medicine	7.
13	Ino Moran	Iron pan	3.
10	The Chesapeake and Potomac Telephone Co	Service	1.
	Jno. Moran The Chesapeake and Potomac Telephone Co The Smith Premier Typewriter Co	Repairs to typewriter	$\tilde{6}$.
	L. S. Depue Adams Express Co	rorage	30.
	Adams Express Co	Transportation	12.
	do	do	3.
	do		11.
	do	00	3. 6.
	United States Express Co	do	6.
	do	do	24.
23	Adams Express Co	do	3.
	Z. D. Gilman	Filtering tubes	12.
	Church & Stephenson	Lumber	5.
	American Ice Co	Ice	16.
	W. M. Galt & Co B. B. Earnshaw & Bro	Forage	12.
	B. B. Earnsnaw & Bro	do	3.
	Geo. F. Muth & Co.	Longo liquid	ə. 2.
	Lutz & Co	Japan liquid Repairing harness	3.
	James B. Lambie Postmaster, Washington, D. C. Burrelle's Press Clipping Bureau	Rope	2.
25	Postmaster, Washington, D. C.	Poetaga etamne	175.
31	Burrelle's Press Clipping Bureau	Press clippings	11.
	G. E. Stechert Lucy H. Payne	Press clippings Publications Washing towels	113.
	Lucy H. Payne	Washing towels	10.
7	do	D. do	10. 6.
ine 1	The Maurice Joyce Engraving Co	Repairing engravings of elec-	0.
	Wyckoff, Seamans & Benedict	trotypes. Repairing typewriter	2.
	Jno. C. Parker	Tablet paper	ĩ.
11	Jas. K. Probev	Tablet paper Carriage pole Car tickets	16.
	Jas. K. Probey Capital Traction Co	Car tickets	20.
	M. Silverberg & Co	Glass frame for maps	5.
	C. Becker Library Bureau	Hoof dressing	1.
	Library Bureau	Cards	4. 13.
	L.S. Depue Geo. F. Muth & Co.	Panare	13.
	Chas. A. Ross	Photo negative	2.
	Lutz & Co	Papers Photo negative Repairs to harness	2.
18	American Ice Co Lucy H. Payne	Ice Washing towels	2. 17. 11.
29	Lucy H. Payne	Washing towels	11.
		1	00*
	Total fourth quarter		885.
	Champlem on tal	•	
	Supplemental.		
ıly 1	L.S. Depue	Forage	13.
	W. G. Duckett B. B. Earnshaw & Bro	Medicine for horses	1. 5.
		Forage	ə. 8.
9	National Rwy Publishing Co	Railway guide	5.
2 6	National Rwy. Publishing Co United States Express Co	Transportation	10.
J	J. Baumgarten & Sons	Rubber stamps	
	do	do	1.
	J. E. Shaw	Repairs on bicycle	3.
	S. J. Meeks' Sons.	Spring clips	6.
18	W. B. Moses & Sons	Awnings	38.
01	Lutz & Co	Harness	150.
31	Lucy Payne The J. C. Ergood Co	Washing towels Bell's Star cleaner	9.
ug. 6	Library Bureau	Cards	6.

WEATHER BUREAU—CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1901. Aug. 26 Sept. 6	Smithsonian Institution Carl Voelker Daily Union Printing Co The Chesapeake and Potomac Telephone Co. do Albert Kahlert & Co American Ice Co The Marine Review PublishIng Co. Total	Advertising do Rent do Cleaning carpets, etc Ice Marine Review	\$102.56 1.65 3.00 20.00 35.00 15.33 22.88 3.00

RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter South quarter Supplemental	3,001.45 1,718.64 885.25
Total	7,608.97

WEATHER BUREAU-GENERAL EXPENSES.

Date.	Name.	Nature of payment.	Total.
1900.			
July 25	Willis L. Moore	Traveling expenses	\$51.00
	Sophia A. Beuter		27.75
26	Orris W. Roberts		12.25
	W.T. Blythe		8.65
		do	13.50
	Harry B. Nichols		. 75
31	W. F. R. Phillips et al	Salaries	277.90
	B. F. Larcombe et al	do	2,740.83
Aug. 2	Norman B. Conger	Traveling expenses	70.60
	Matt Borland	Shelving	5.00
	H. Rasmusson & Co	Chairs	6.00
4	Wm. E. Donaldson	Traveling expenses	15.10
4	F. H. Brandenberg	Office expenses	28.50
	David R. Morris	Traveling expenses	10.15
	Ray C. Johnson	do	6. 75
	O. O. Scott	Services	3.00
	E. D. Beattie	Printing monthly bulletins	36.00
e	University of Tennessee	Electric arc lamps, etc	200.00
6	Geo. W. Felger	Traveling expenses	6.75
8	F. G. Tingley	do	8.35
13	R. P. Clarke Co Julien P. Friez	Towels. etc	2 200 75
19	W. H. Fallon	Supplies for shipment	3,866.75 15.75
	Chas. A. Hyle	Trâveling expenses	33.50
	Gideon S. Jones	do	7.25
	Alf. H. Thiessen	do	3.00
14	D. Frank Parker		2,217.50
1.1	John C. Parker	Stationery Neostyle printing frames	200.00
16	S. P. Johnson		697.50
17	J. W. Jordan & Co	Rollers	35.00
21	Crosby Transportation Co	Passenger transportation	3.00
~1	Young & Wooton	Awnings	7.00
	C. Berbusse		5.00
	King Hardware Co	Screw-drivers, etc.	5. 65
	Grambs Bros	Rubber hose	18.00
	The Globe Wernicke Co	Guides	34, 08
	Denver Type Foundry Co	Staple case, etc	. 90
	Treman King Co	Water cooler	3, 50
	A. H. Sweet	Cleaning clock	1.00
	H. W. Slaughter	Cleaning office	5.00
	R. T. Butler	Painting instrument shelters	6, 00
	J. J. Letson	Repairing instrument shelters.	19.60
	J. O. Wheaton & Co	Frames	6,00
	Eureka Blotter Bath Co	Supplies	6, 75
	Nusbaum Book and Art Co	Framing charts	6, 23
	A. L. Davis	Water cooler	3,00
	H. C. Breeden Co	Office stools.	6.50
	M. N. Hunt	Window glass, etc.	2.3

$Expenditures\ of\ Department\ of\ Agriculture\ for\ year\ ending\ June\ 30,1901-\text{Cont'd.}$

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total
1900.			
ug. 21	Edw. J. Smith	Renairs to register	\$0 7 2 1 1
	K R Lon	Ranging to office roof	7
	G. Carlson Davenport & Thacher J. A. Faulkner Jno. Shoemaker	Services Window shades Cylinder Services and material	2
	Davenport & Thacher	Window shades	ï
	J. A. Fâulkner	Cylinder	1
	Jno. Shoemaker	Services and material	
	Edwd. Kilborn	Repairing office furniture Repairing instrument shelter Repairing office furniture	35
	C. C. Smith	Repairing office furniture	35
	J. W. Welch	Repairing instrument shelter	9
	Jno. R. Wyss	Repairing office furniture	9
	Jno. Jordt	Shades Installation of electric call bell. Logotype outfits Maps. Salaries.	10
2.1	M.J. Walsh	Installation of electric call bell	ϵ
24 25 31	J. Baumgarten & Sons	Logotype outfits	689
25	The Post-Office Department	Maps	88 266
31	W. F. R. Phillips et al	Salaries	266
	B. F. Larcombe et al	Traveling expenses	2, 686 39 40
pt. 12	Willis L. Moore	Traveling expenses	36
15	Pay roll, New York, N. Y	Substation salaries	40
	Jno. C. Parker	Copying and desk pads	104
	do	Paper	1, 145 767
	do	Stationery for shipment	767
	Jno. H. Carter	Repairing clock	6
	J. A. Fåulkner Jno. Shoemaker Edwd. Kilborn C. C. Smith J. W. Welch Jno. R. Wyss Jno. Jordt. M. J. Walsh J. Baumgarten & Sons The Post-Office Department W. F. R. Phillips et al B. F. Larcombe et al Willis L. Moore Pay roll. New York, N. Y Jno. C. Parker do do Jno. H. Carter Henry Wood Wm. Roche Forsberg & Murray J. R. Stephens Elsie Roller Composition Co The Ohio Moulding Manufacturing Co Clark & Davenport R. P. Clarke Co. J. C. Entwistle W. B. Moses & Sons do W. P. Fuller & Co	Stationery for shipment Repairing clock Services Navy batteries Repairs to machinery Crating file case, etc. Casting rollers	2
	Wm. Roche	Navy batteries	7
	Forsberg & Murray	Repairs to machinery	118
	J. R. Stephens	Crating file case, etc	113 12 428 74
	Elsie Roller Composition Co	Crating file case, etc. Casting rollers Frames to charts. Carpets, making and lining. Sheeting, etc Cotton batting Engraving Water coolers, etc Furniture for shipment	
	The Ohio Moulding Manufacturing Co	Frames to charts	12
	Clark & Davenport	Carpets, making and lining	428
	R. P. Clarke Co	Sheeting, etc	74
	do	Cotton batting	12
	J. C. Entwistle	Engraving	3
	W. B. Moses & Sons	Water coolers, etc	12
	do	Furniture for shipment	480
	W. P. Fuller & Co	Mucilage, ink, etc	[
	A. R. Taylor & Co	Repairs to typewriter]
	Wyckoff, Seamans & Benedict	do	5
	W. B. Moses & Sons do W. P. Fuller & Co. A. R. Taylor & Co. Wyckoff, Seamans & Benedict Richd, L. Lamb	Pads	137
	E. Morrison Paper Co	Paper	137
	The J. C. Ergood Co	Fly paper	Ę
	Richd. L. Lamb E. Morrison Paper Co The J. C. Ergood Co Geo. F. Muth & Co Fred A. Schmidt Z. D. Gilman Standard Oil Co The J. K. Gill Co F. H. Lovell & Co Robt. L. Moore H. H. Hill	Pags Paper Fly paper Lanterns, lamps, etc Milliographs, etc Bottles	148 196
	Fred A. Schmidt	Milliographs, etc	196
	Z. D. Gilman	Bottles	
	Standard Oil Co	Benzine	
	The J. K. Gill Co	Dictionary	16
	F. H. Lovell & Co	Clocks	120
	Robt. L. Moore	Laying carpet	2
	H. H. Hill	Repairing river gauge	8
	H. H. Hill Thayer & Jackson Stationery Co The City and Suburban Telephone Co	Dictionary Clocks Laying carpet Repairing river gauge Binding Telephone extension instru-	21
	The City and Suburban Telephone Co	Telephone extension instru-	7
	II Dl	ment.	- 11
	Henry Buckmann	Wood	40
	A. Frain Convice Co	Ink and mucilage Oil, ink, and brooms Oil, ink, and mucilage	16
	Poin & Pood	Oil ink and prooms	10
	A M Fourtmon & Co	Ink, and muchage	6
	Henry Buckmann S. A. D. Keister A. Fair Service Co. Beig & Rood A. M. Kaufman & Co Fred Albright Mack Wellman Alabama Great Southern R. R. Co do Southern Rwy. Co Peoria, Decatur and Evansville Rwy. Co Crosby Transportation Co. Narragansett Pier R. R. Co New York, New Haven and Hartford R. R. Co.	Ink.	52
	Mook Wollmon	Vornigh point	96 4 8
	Alabama Croot Southann D. D. Co	Pagganger transportation	•
	Alabama Great Southern K. K. Co	rassenger transportation	9
	Couthous Drys Co	do	6
	Pooris Deceture and Empreyille P Cr	do	11
	Crosby Trongportation Co.	do	11
	Nouve consett Pion P. D. C.	do	27
	Now York Now How and Hartford D. D.	do	4
	Co. New naven and nartiord R. R.	d0	4
	Co. Pennsylvania R. R. Co.	do	63
	Pennsylvania R. R. Co	do	96
	do Delaware, Lackawanna and Western R. R.	do	28
	Co. Boston and Maine R. R. Co Detroit and Mackinac Rwy. Co Adams Express Co Wm. L. Beldin L. C. Cover Chas. A. Hyle D. A. Seeley T. F. Townsend Geo. M. Chappel Henry J. Cox	do	12
	Detroit and Mackinge Rwy Co	do	7
	Adams Evaposs Co	Transportation	7 25
	Wm L Reldin	Traveling expenses	11
	I. C. Cover	do	94
	Chas A Hylo	do	19
	D A Seeley	do	10
	T F Townsend	do	11 24 13 8
	Con M. Channel	do	ĩ

WEATHER BUREAU—GENERAL EXPENSES—Continued.

e.	Name.	Nature of payment.	Total.
).			
15	Hugo Legler Chas. B. Tuch Jas. Berry C. A. Mueller F. H. Brandenburg H. E. Wilkinson C. J. Doherty J. W. Smith	Traveling expenses	\$18.
	Chas. B. Tuch	do	14.
	Jas. Berry	do	3. 11.
	C. A. Mueller	do	11.
	F. H. Brandenburg	do	23.
	C I Doborty	do	28.
	J W Smith	do	5. 3.
	Jno. R. Glenn	do	1.
	J. W. Smith J. N. Sillen R. A. Fessenden Frank W. Very. Wm. E. Donaldson Jos. P. Bolton A. H. Thiessen J. W. Smith.	Office expenses	1. 27. 31.
	Frank W. Very	do	31.
	Wm. E. Donaldson	do	5
	Jos. P. Bolton	do	20.
	A. H. Tillessen	do	20. 28. 4.
	H A MaNally	do	1.
	H. A. McNally N. B. Conger Jno. R. Weeks Geo. G. Harkness	do Traveling expenses do do	12
	Jno. B. Weeks	do	12. 20.
	Geo. G. Harkness	do	6. 11. 1. 3.
	R. B. Harkness	do	11.
	Jas. W. Tanner	Services	1.
-	Geo. G. Harkness R. B. Harkness Jas. W. Tanner Pay roll, Des Moines, Iowa. G. Carlson D. F. Flood F. M. McKeough Julien P. Friez	do Services Substation salaries Repairing instrument shelters.	3.
	G. Carlson	Repairing instrument shelters.	Ð.
	D. F. Flood	Repairing rain gauges Recasting rollers Wind vane, etc., for shipment do	4.
	Inlian D Frieg	Wind rang ota for shipmont	1,884
	do	do	1 588
	A. L. Cook	Ink etc	1,588. 2,9
	A. L. Cook The Globe Wernicke Co	Ink, etc Printed cards, etc	9.
	Henry J. Cardy	Painting instrument	4.
	The Smith-Premier Typewriter Co	Repairs to typewriters	2.
	A. S. Hutchinson	Repairs to typewriters	1.
	Economy Typewriter Supplies Co	Repairs to typewriters	5.
	Wm. Aris	Services Pencils, etc Brass chair, etc Table	
	J. B. Shennon & Sone	Brace chair ote	70. 5.
	W N Williams	Table	9.
	M. J. Healy	Repairing instrument shelter	10
	E. J. Shattuck & Co	Repairing instrument shelter Printing ink Oil, ink, etc Renovating carpet, etc	2
	Jno. F. McLean	Oil, ink, etc	9
	A. P. Ritz	Renovating carpet, etc	7.
	D.P. Fisher	Painting instrument shelter Printing crop bulletins	10 12
	The Globe Wernicke Co Henry J. Cardy The Smith-Premier Typewriter Co. A. S. Hutchinson Economy Typewriter Supplies Co Wm. Aris. C. S. Braisted J. B. Shannon & Sons. W. N. Williams M. J. Healy E. J. Shattuck & Co Jno. F. McLean A. P. Ritz D. P. Fisher R. E. Dann H. W. Norton H. George & Son McGraw & Co A. Jennings	Printing crop bulletins	12.
	H. W. NOrton	Rubber stamps	4.
	McGraw & Co	Repairs to office case	19
	A. Jennings.	Laving carpet	12 2
	Thaver & Jackson Stationery Co	Carbon paper	$\tilde{4}$
	The Stafford Drug Co	Oil.ink.etc	4
	Thayer & Jackson Stationery Co The Stafford Drug Co L. R. Duke	Laying carpet. Laying carpet Carbon paper Oil, ink, etc Repairing instrument shelter	5
	Henry Haffner	Moving printing press, etc	37
	Cleveland Carpet Cleaning Co	Cleaning carpet	8
	L. K. Duke Henry Haffner Cleveland Carpet Cleaning Co. Alex. H. Revell & Co L. A. Cobb E. A. Folsom	Moving printing press, etc	5
	E. A. CODO	Repairing clock	1
	12. A. PUISOIII	ment ment meteorological equip-	5
	C. E. Johnson	ment. Wood	24.
	Patterson Transfer Co.	Hauling	1.
	E. Sephton	Hauling Building board walk Painting instrument shelters	10.
	W. H. Simpson	Painting instrument shelters	10. 10.
	C. E. Johnson Patterson Transfer Co E. Sephton W. H. Simpson Flint & Walling Manufacturing Co Jno. H. Erb R. A. Williamson Jno. S. Pinney A. B. Bean & Co R. B. Smith Jas. R. Hobbs W. W. Best Wm. McGrath	Signal towers, etc Frames Printing crop bulletins	4 298
	Jno. H. Erb	Frames	31.
	K. A. Williamson	Printing crop bulletins	17
	Jno. S. Pinney	Gothic type Oil, etc Gasoline Use of team Repairing felegraph lines Drayage Electric fan	Ġ.
	P. P. Smith	Oll, etc	1
	Jac R Hobbe	Tree of team	9
	W. W. Best	Renairing felegraph lines	2
	Wm. McGrath	Drayage	3 2 3
	Fort Smith and Van Buren Light and	Electric fan	25.
	Transit Co.		
	Pan Telephone Co.	Rent of telephone	2.
	J. W. Dayton	Wringer, etc., for copying Window curtains	8. 7.
	J. Scnimelpfering	Window curtains	7.
	Chambonlain & Mayl-	Frames	5. 7.
	Transit Co. Pan Telephone Co. J. W. Dayton J. Schimelpfering Erie Art Store. Chamberlain & Taylor Harry C. Dougherty Edw. Hunter & Co. Claude L. Friel Geo. H. Godfrey	Ink	7.
	Edw Hunter & Co	Painting instrument shelter	20.
	Claude I. Friel	Laying carpet Painting instrument shelter	5. 13.

WEATHER BUREAU-GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
ept. 15	A. Osander & Sons	Painting instrument shelter	\$9.
-	Julius Andrae & Sons Co	Services	2.
	Price Bros	Painting instrument shelter	8.
	Bennett Printing House	Printing crop bulletin	20.
	Northwestern Fixture Co	Insulators Removing office, etc.	44.
4.0	W. H. Bonhart D. T. Maring H. E. Williams	Removing office, etc.	70.
18	D. T. Maring	Traveling expenses do do do do	21.
	H. E. Williams	do	23.
	Edgar B. Calvert J. Warren Smith N. B. Conger A. H. Thiessen	do	46
	J. Warren Smith	do	3.
	N.B. Conger	Office expenses	4.
			31.
	E. H. Emery R. A. Fessenden	dodo	4.
	K. A. Fessenden	00	31.
	Frank W. Very	do	29.
	Jas. E. Bell	Repairing wind vane, etc Paint and brush	3.
	G E D1	Paint and brush	2.
	U.E. Park.	Erecting river gauge	10.
	W. L. Lillie & Co	Framing charts	26.
	Kor City Funnitune Co	Erecting river gauge Framing charts Repairs to chairs	3. 2.
	W A Tunordon	Repairs to glass cover	2.
	R. A. Fessenden Frank W. Very Jas. E. Bell do C. E. Park W. L. Lillie & Co Howald & Couldin Key City Furniture Co W. A. Tunander Parker Bros	Repairs to river gauge	14.
	E E Wannen Managentile Co	Repairs to glass cover Repairs to river gauge Repairs to chairs 1 stool	1. 3.
	Parker Bros F. E. Warren Mercantile Co Smith Premier Typewriter Co	Feed rollers	ð. 1
	Evenhand Vahon	Pencils, etc	1. 579.
	Everhard Faber J. P. Nawrath The Okonite Co., Ltd Chas. E. Johnson Co Walter Scott & Co O. J. Maigne Mittag & Volger Geo. Meier & Co	Twine	919.
	The Okonite Co. I td	Copper wine	92. 655.
3	Chas E Johnson Co	Copper wire Duplicating ink, etc	835.
	Walter Scott & Co	Stone bed, screws, etc	8
	O I Majorne	Rollers for printing office	8. 42.
	Mittag & Volcar	Rollers for printing office Carbon paper Lithograph varnish, etc	108.
	Geo Meier & Co	Lithograph varnish etc	13.
20	Geo. Meier & Co Standard Oil Co	Oil for printing office	28
.100	Mackall Bros.	Glycorin	28. 3.
	Alabama and Georgia Long Distance Tele-	Oil for printing office Glycerin Telephone service	20.
	phone Co.	relephone service	20.
	Alabama, Mississippi and Tennessee Tele-	do	6.
	phone Co.		-
	Ohio River Telephone Line	T-1- manh consider	5. 2.
	Corvallis and Eastern R. R. Co Isle of Wight Telephone and Telegraph Co	do Telegraph servicedo	4.
	Is to Wight Telephone and Telegraph Co- I. M. Powell Fred. D. Larke, jr. Chas. D. Reed. Pay roll, New York, N. Y Louisville and Nashville R. R. Co. Louisville, Evansville and St. Louis Con- solidated R. R. Co. Carters luk Co.	Services	14.
	Fred D Lorke in	dodo	14.
	Chas D. Rood	Traveling expenses	6. 34.
	Par nell New York N V	Cubatation calaries	40.
	Louisville and Nashville R R Co	Substation salaries	2.
	Louisville Evensville and St Louis Con-	dodo	3.
	colidated R R Co		0.
	Carters Ink Co.	Ink	36.
	Chesanaska Electric Co	Inculators ate	46.
	Chesapeake Electric Co	Insulators, etc	428.
		Pencils	33.
	Chadwick Conving-book Co	Pencils Letter copying books	214.
	United States Envelope Co	Envelopes	19.
	Chadwick Copying-book Co United States Envelope Co. Jas. Fitzsimons & Co.	Envelopes Office furniture	90.
	B. McAdam	Moving printing press Hardware Frames for charts	12.
	The R. D. Willson Hardware Co	Hardware	10.
	The R. D. Willson Hardware Co	Frames for charts	11.
			1.
	Tampa Electric Co	Electric fans	12.
	Bieg & Rood	Copying sheets	
	Paul Kiene	Rubber stamps	1.
	J. P. Nawrath	Sponges	16.
	W. H. Hughs	Benzine Electric fans Copying sheets Rubber stamps Sponges Toilet set Services Services	3.
	Robt. Owens	Services	2.
	R. D. Willson		18.
	Paul Kiene J. P. Nawrath W. H. Hughs Robt. Owens R. D. Willson O. G. F. Markus Jno. Angelo H. E. Bidwell C. L. Byrd & Co. J. C. Sala Jas Lyons	Repairs to wind vane Painting board walk	5.
	Jno. Angelo	Painting board walk	5.
	H.E.Bidwell	Painting river-gauge	9.
	C. L. Byrd & Co	Repairing clock	1.
	J. C. Sala	Repairing telethermograph	4.
	Jas. Lyons	Replacing platform, etc	51.
	E. H. Moorehouse & Co H. A. Sanders	Framing charts	40. 16.
	H. A. Sanders	do	16.
	7 D Cilmon	Painting order wank Painting river-gauge Repairing clock Repairing telethermograph Replacing platform, etc Framing charts do Sponges Panents	2.
	M. G. Copeland & Co Rudolph, West & Co R. N. Getty E. D. Beattie	Pennants	1.
	Pridolph Wast & Co	Halyards Wire insulators Printing crop bulletins	116.
	Rudolph, West & Co	Title July Co.	107.

WEATHER BUREAU—GENERAL EXPENSES--Continued.

Dat	e.	Name.	Nature of payment.	Total.
190	0.			
Sept.	. 20	R. E. Dann Reading Paper Mills S. S. Bassler	Printing crop bulletins	\$10.00
	24	Reading Paper Mills	Paper	737.83
		S. S. Bassler	Office expenses	737.83 1.70
		А. п. тыеѕен	ao	10.74
		The Central District and Printing Tele-	Telegraph services	6.20
		The Central District and Frinting Telegraph Co. Illinois Central R. R. Co. Wyckoff, Seamans & Benedict C. J. Doherty Jas. H. Scarr W. W. Neifert Frank H. Bigelow Thos. Somerville & Sons J. E. Entwistle	Decomposition	90 ~=
		Wrokeff Somene & Renedict	Passenger transportation Repairing typewriters	28. 75
	25	C I Doherty	Office expenses	12.30 36.37
	120	Jas H. Scarr	Traveling expenses	17.60
		W. W. Neifert	do:	4.75
		Frank H. Bigelow	do	76.00
		Thos. Somerville & Sons	Lubricating compound	7. 05 7. 50
		J. E. Entwistle	Engraving	7.50
	100	Mackall Bros	Alcohol	12.67
	30	Mackall Bros B. F. Larcombe et al W. F. R. Phillips et al	Salaries	2,623.24
		W. F. R. Phillips et al	Office expenses Traveling expenses do do Lubricating compound Engraving Alcohol Salaries do	225.18
		First quarter		35, 949. 47
Oct.	1	Kenelin Cheseldine	Erecting most	350.00
JC 0.	1	Jno. Horne	Repairs to station	20.00
		E. B. Richards	Office expenses	64.60
		Philip Lindemyr	Erecting mast Repairs to station Office expenses Gum, ink, etc	286.50
		Jno. C. Parker	Map paper, etc	139.67
		do	Map paper, etc Supplies Rubber stamps	3, 467. 9
		Kenelin Cheseldine Jno. Horne E. B. Richards Philip Lindemyr Jno. C. Parker do J. Baungarten & Sons M. O'Leary J. Edwd. Turton Broderick Bros Clark & Davenport Jno. Moran	Rubber stamps	139.67 3, 467.99 7.56
	0	M.O'Leary	Sand	1.50
	3	J. Edwd. Turton	Frames Rags Carpets	747.0
		Clark & Davannort	Carnets	747.50 28.00 467.79 2.40
		Jno. Moran Dulin & Martin Co A. A. Wagner R. P. Clarke Co	Mica	2.4
		Dulin & Martin Co	Glasses	12.60
		A. A. Wagner	Glasses Rain gauges	12.60 217.50
		R. P. Clarke Co	Millinet Knife switches	2.38
		National Electric Supply Co	Knife switches	3.20
		Southern Rwy. Co	Passenger transportationSoap, etc	29.70
		National Electric Supply Co	Soap, etc	2.38 3.20 29.70 187.8 12.88
		do	Oil silk, etc	12. 8
		T.C. Entwictle	Enguaging	3. 2. 7. 50
		do J. C. Entwistle Rudolph, West & Co	Soupetes Supplies Engraving Shovels, etc Zinc	3.5
		do	Zine	9.9
	4	Michigan Central R. R. Co	Passenger transportationdo	1.3
	-	Atlantic Coast Line R. R. Co	do	38.4
		Grand Trunk R. R. System	do	34.7
		Michigan Central R. R. Co Atlantic Coast Line R. R. Co Grand Trunk R. R. System New York, New Haven and Hartford R. R. Co.		14.0
		St. Louis and San Francisco R. R. Co. Smith Premier Typewriter Co. Brown & Borsheim. L. A. Overton	do	9.0
		Smith Premier Typewriter Co	Repairs	7.0
	-	T. A. Oronton	Repairing clock Repairing gauge Frames Repairs to telegraph line	2.5 7.5
		C. R. Porter	Eromos	28.6
		C. E. Johnson	Repairs to telegraph line	8.0
		C. R. Porter C. E. Johnson Fred Albright H. W. Yarbrough Harry A. Neff S. A. Freer G. B. Cowing J. H. Kroeber E. A. Slack Jno. N. Mitchell A. C. McMillan E. D. Briggs	do	1.0
		H. W. Yarbrough	Frames	26.3
		Harry A.Neff	Repairs to furniture Painting shelter Painting vane Services and material Printing bulletin	3.0
		S. A. Freer	Painting shelter	6.0
		G. B. Cowing	Painting vane	5.0
		J. H. Kroeber	Services and material	7.7
		E. A. Slack	Printing bulletin	30. 2
		A C McMillan	Erecting flagstaff	6.0 7.0
		E. D. Briggs E. Arant Wm. G. Williams Louis. H. Vogel Cumberland Presbyterian Publishing	Laying carpet Erecting flagstaff Surveying Services do	10.0
		E. Arant	Services	4.8
		Wm. G. Williams	do	8.0
		Louis. H. Vogel	Repairing press	3.5
		Cumberland Presbyterian Publishing	Paper	2.1
		House.	D	
		Reland Comn	Repairing telegraph line Repairing wind vane	1.2
		Flint & Welling Manufacturing Co	Repairing wind vane	10.0
		Gowan & Pickford	Erecting steel towers	162.9 24.8
		Henry Thorspeck	Renainting shelter	8.0
		The R. D. Willson Hardware Co	Heater, chairs, etc.	8.0
		Jas. Heffernan	Saws, etc Repainting shelter Heater, chairs, etc Water for station	11. 7. 3. 0
			7717	20.0
		The Globe-Wernicke Co	File case	
		House. Reland Coffin. Talbot & Hubbard Flint & Walling Manufacturing Co. Gowan & Pickford Henry Thorspeck The R. D. Willson Hardware Co. Jas. Heffernan The Globe-Wernicke Co. W. G. Jones Edwd. H. Rose W. H. Panney.	File case Repairing instruments Repairing telegraph line Recasting rollers	50.0 4.5 1.2

WEATHER BUREAU-GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total
1900.			
et. 4	Julius Audrae & Sons Co	Electric motor, etc	\$80 2 1 2 6
	Geo. Draper	Oars and rowlocks Rent post-office box Ice Water cooler Floatnicel work	2
	Simon Nusbaum, postmaster	Rent post-office box	ĩ
	Geo. Draper Simon Nusbaum, postmaster John Heffernan Henry Rice & Son. H. J. Conrad N. K. White. H. Dunwoody. Compton Lumber Co. J. R. Sanborn & Son. W. S. Fleenor Claude L. Friel Robt. B. Nelson Bryant & Douglas Book and Stationery Co Ambros Hagman C. Posey	Ice	$\frac{1}{2}$
	Henry Rice & Son	Water cooler	6
	H.J. Conrad	Electrical work	8
	N. K. White	Repairing printing press	5
	H. Dunwoody	Laying carpet	5
	Compton Lumber Co	Repairing printing press Laying carpet Lumber, etc Carpet Oil Printing bulletins Painting flagstaff Ink Repairing press Ice Re-covering stand Repairing telethermograph	59
	J. R. Sanborn & Son.	Carpet	53
	W. S. Fleenor	Oil	
	Claude L. Friel	Printing bulletins	11
	Robt. B. Nelson	Painting flagstaff	2 3 1
	Bryant & Douglas Book and Stationery Co.	Ink	3
	Ambros Hagman	Repairing press	1
	C. Posey	Ice	6.
	The Toby Furniture Co. H. J. Wohlgemuth Wm. A. West	Re-covering stand	8
	H.J. Wohlgemuth	Repairing telethermograph Telegraph poles	2
	Wm. A. West	Telegraph poles	4
	D. Stormont	do	2
	Bennett Printing House	Printing crop bulletin	16
	Eimer & Amend	Centigraph	1
	D. Stormont Bennett Printing House Eimer & Amend	do Printing crop bulletin Centigraph Gold, bismuth, etc Paraffin, etc Sheet gold, etc. Printing bulletins Lithograph varnish Services	36
	do do do De D. Beattie Geo. Meier & Co W. Broadwell State Journal Co Sunset Photo Engraving Co G. C. Fahlbusch Thayer & Jackson Stationery Co Jas. Freeman Carter Ink Co	Paraffin, etc.	15
	do	Sheet gold, etc	8
	E. D. Beattie	Printing bulletins	8 36
	Geo. Meier & Co	Lithograph varnish	8
	W. Broadwell	Services	4
	State Journal Co.	Printing bulletins	31
	Sunset Photo Engraving Co	Halftone plate	33
	G. C. Fahlbusch	Repairing shelter	18
	Thaver & Jackson Stationery Co	Binding book	1
	Jas Freeman	Laving cable	1
	Carter Ink Co	Ink	7
	David Cuthbertson	Traveling expenses	29.
	E H Nimmo	Hauling cupulies	1
	Clyde Lemon	do	4
	Gaster Ink Co David Cuthbertson E. H. Nimmo Clyde Lemon Allen Buell Jas. B. Lambie	Printing bulletins Lithograph varnish Services Printing bulletins Halftone plate Repairing shelter Binding book Laying cable Ink Traveling expenses Hauling supplies do Laying carpet Pliers, etc Brushes, etc Fallow and belt lacing Clippers, etc Rags Cells, etc Inkstands Paper Felt Photo plates Electrotype plates Drayage on books Telegraph service	4 2. 14. 27. 5. 86.
6	Inc R Lambia	Pliane ate	14
Ü	do.	Brushes etc	27
	do	Fallow and helt lacing	5
	do do Broderick Bros M. Du Perow Jno. C. Parker do R. P. Clarke Co The Maurice Joyce Engraving Co do	Clippers etc	86
	Broderick Bros	Rags	2,529 1.
	M. Dn Perow	Cells etc	2.529
	Jno. C. Parker	Inkstands	1.
	do	Paner	1,951
	R. P. Clarke Co	Felt	30.
	The Maurice Joyce Engraving Co	Photo plates.	101.
	do	Electrotype plates	69.
11	Collector of customs, Georgetown	Dravage on books	10. 5.
13	Collector of customs, Georgetown Rising Sun Telegraph Line Jacksonville and St. Johns Bar Telegraph	Telegraph service	5.
	Jacksonville and St. Johns Bar Telegraph	do	12.
	Line.		
	Ocean Towboat Line	do	36
	Line. Ocean Towboat Line Philadelphia, Reading and Pottsville Telegraph Co.	do	21.
	graph Co.		
	graph Co. Great Northwestern Telegraph Co. Alabama, Mississippi and Tennessee Telephone Co.	Telephone service	160.
	Alabama, Mississippi and Tennessee Tele-	Telephone service	6.
	phone Co.		
	Ohio River Telephone Line	do	5.
	Almo Telephone Co	do	1.
	Corvallis and Eastern R. R. Co	Telegraph service	2.
	Isle of Wight Telephone and Telegraph Co.	do	4.
	George G. Harkness	Traveling expenses	4.
	L. N. Jesunofsky	Drayage	4. 4. 1.
	J. W. Bryan	Hauling	35.
	W. H. Fallon	do d	2.
	Geo. Hass Hagen	Hauling.etc	2. 4.
	Chas. Eneu Johnson & Co	Litho. ink	37.
	do	Ink	18.
	Edw. A. Beals	Cartage and express Transportation	2. 3.
	W. U. Simons	Transportation	3.
	Yates & Co	Oil	2.
	Altie M. Adie	Cleaning office	2. 15.
	H. T. Johnson	Oil Cleaning office Rubber stamps	-3.
	Canton Pice & Co. Composition	Paper	822.
	A. H. Thiessen	Renairing shelter etc	25
	Alabama, Mississippi and Tennessee Telephone Co. Ohio River Telephone Line. Almo Telephone Co. Corvallis and Eastern R. R. Co. Isle of Wight Telephone and Telegraph Co. George G. Harkness. L. N. Jesunofsky J. W. Bryan. W. H. Fallon Geo. Hass Hagen Chas Eneu Johnson & Codo Edw. A. Beals W. U. Simons Yates & Co. Altie M. Adie H. T. Johnson Carter. Rice & Co., Corporation A. H. Thiessen Oliver L. Fassig E. C. Thompsondo	Repairing shelter, etc Express	25. 2.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. WEATHER BUREAU-GENERAL EXPENSES-Continued.

ate.	Name.	Nature of payment.	Total.
900.			
13	W. T. Blythe M. E. Blystone G. M. Wilson Chicago Auditorium Association L. M. Tarr J. W. Smith Jos. P. Fallinee Wm. G. Burns do do Reading Paper Mills M. J. Greer P. C. Snaw American Ice Co Baltimore Towel Supply Co American Linen Supply Co Rob Roy Coleman City Electric Light Co. The Woodford Telephone Co Doster & McCurdy The American Toilet Supply Co Grant Rivenburg Catherine Wilson Peoples' Gaslight and Coke Co	Gasoline, etc	\$16.
	M. E. Blystone	Express	1. 2. 450.
	G. M. Wilson	Hauling	2.
	Chicago Auditorium Association	Rent of office	450.
16	L. M. Tarr	Shelves, etc	9.
	J. W. Smith	Traveling expenses	1.
	Jos. P. Fallihee	Horse hire	5. 2.
	Wm. G. Burns	Hauling, etc	2.
	do	Traveling expenses	29.
	do	do	26.
	Reading Paper Mills	Paper	360.
	M. J. Greer	Washing towels	1.
	P. C. Snaw	ao	1. 6. 3.
	American Ice Co	ICe	ð.
	Baltimore Towel Supply Co	wasning towers	2.
	American Linen Supply Co	Too.	3.
	Rob Roy Coleman	Electric limbto	4.
	City Electric Light Co	Dent of tolophone	*
	Doeton & MaCardy	Ico	5. 32. 2. 3.
	The American Toilet Supply Co	Towels etc	92.
	Grant Rivenburg	Ico	2
	Catherine Wilson	Rent of office	140.
	Peoples' Gaslight and Coke Co	Gas	7
	Cleveland Telephone Co	Rent of telephone	7. 18.
	Iowa Telephone Co	do	13
	Raleigh Telephone Exchange	do	7
	Canierine wison Peoples' Gaslight and Coke Co Cleveland Telephone Co Iowa Telephone Co Raleigh Telephone Exchange The Northwestern Telephone Exchange Co.	do	13. 7. 18.
	Chas. G. Le Clair American Ice Co M. T. Hayden. Michigan Telephone Co E. A. Hughes Omaha Towel Co Nebraska Telephone Co John W. Ezgleson	Ice	3.
	American Ice Co	Washing towels	6.
	M. T. Hayden	Washing towels	6.
	Michigan Telephone Co	Telephone service	4.
	E. A. Hughes	Telephone service Electric light Washing towels Rent of telephone	9.
	Omaha Towel Co	Washing towels	3. 15.
	Nebraska Telephone Co	Rent of telephone.	15.
	John W. Eagleson	Ice	1. 2. 5.
	Excelsior Electric Co	Electric light	1.
	The Silver State Towel Supply Co	Washing towels	2.
	Thos. W. Pemberton	Electric light	Ð.
	Board of Public Works	Water	3.
	Nebraska Telephone Co John W. Eagleson Excelsior Electric Co The Silver State Towel Supply Co Thos. W. Pemberton Board of Public Works Lincoln Traction Co Fort Smith and Van Buren Light and Transit Co Charleston Consolidated Rwy., Gas and Electric Co Nashville Laundry Co The Blue Mountain Co H. L. Pittock C. B. Little Baife D. Johnson Wm. Pollman	dodo	13.
	Charleston Consolidated Rwy. Gas and	do	3.
	Electric Co		
	Nashville Laundry Co	Towel service	1
	The Blue Mountain Co	Ice	6.
	H. L. Pittock	Electric current	18.
4.0	C.B.Little	Water	18. 11.
17	Baire D. Johnson	Office rent	63 87 30
	Baire D. Johnson Wm. Pollman Benj. M. Jacobs Peter Sonna Geo. L. Lovett F. E. Warren Mercantile Co Maggie French C. W. Baseon	do	87
	Benj. M. Jacobs		30
	Peter Sonna	GO	120
	Geo. L. Lovett	00	105
	Maggio Franch	do	129 59
	Maggie French C. M. Beeson U. G. Myers do Mary C. Pratt, et al. Elizabeth L. Renoe Farmers' National Bank of Fresno Indianapolis Gas Co R. McLaughlan Conrad National Bank Bunce & Iiams Tyree & Wilkins, agents A. W. Kennie The Gamble-Desmond Co. The Citizens' Bank, Norfolk, Va Walla Walla Lodge H. Wallenberg Adam C. Rackliffe D. Horton E. H. Jamieson E. H. Jamieson	do	99 88
	U.M. Seeson	do	88
	do	do	88
	Mary C Prott at al	do	49 93
	Elizabeth I. Renoe	do	100
	Farmers: National Rank of France	do	115
	Indianapolis Gas Co	do	115 250
	R. McLaughlan	do	150
	Conrad National Bank	do	67
	Bunce & Jiams	do	90
	Tyree & Wilkins, agents	do	67 90 67
	A. W. Kennie	do	42
	The Gamble-Desmond Co	do	100 131 84 77
	The Citizens' Bank, Norfolk, Va	do	131
	Walla Walla Lodge	do	84
	H. Wallenberg	do	77
	Adam C. Rackliffe	do	75
	D. Horton	do	120
	E. H. Jamieson A. J. Knight Columbia Building Co E. P. Jones	do	135 82 87
	A. J. Knight	do	82

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1900. Oct. 17		0.00	
	E. J. Davenport do Edgar Harding Ella W. Daniels H. H. Taylor, agent Guaranty Building Co O. I. Mairs Otto B. Hart Mill Valley and Mount Tamalpais Scenic Rv.	Office rent.	\$25.00
	Edgar Harding	do	66.67 87.50
	Ella W. Daniels	do	87.50
	H. H. Taylor, agent	do	322, 50 134. 96 67. 50
	Guaranty Building Co	do	134.96
	Otto P. Hout	do	67.50
	Mill Valley and Mount Tamalnais Scenic	do	24.00 105.00
	O.I. Mairs Otto B. Hart Mill Valley and Mount Tamalpais Scenic Ry. T. M. Jeffris & Co. H. Overholzer T. B. Catron Orson Adams, jr Real Estate and Law Building Co. Albert Marty Pacific Club American Surety Co. of New York E. S. Hughes & Co. B. S. Williams J. L. Manning. Jas. K. Porter C. S. McLaury et al J. E. Dooly Warfield & Dann M. E. Conway. Henry Bolton Portland Transit Co. of Oregon Northwestern Mutual Life Insurance Co. Jas. S. Sebree Bank and Insurance Building Co. Jas. L. Connell Luke & Smith Joseph Gussenhoven John G. Brown H. S. Gilbert W. D. Grant Society of Savings Kate F. Coke Jno. Seiner Margaret Parmentier H. W. Styron Pay roll, Parkersburg, W. Va. Pay roll, Parkersburg, W. Va. Pay roll, Norfolk, Va. Pay roll, Norfolk, Va. Pay roll, Suffalo, N. Y Pay roll, Cincinnati, Ohio Pay roll, Shreveport, La. Pay roll, Cincinnati, Ohio Pay roll, Shreveport, La. Pay roll, Charleston, S. Cdo. Pay roll, Portland, Oreg. Chas. A. Blumner Kate O'Tool W. T. Turbeville B. F. Modisett J. Evans Jno. T. Myers N. W. Wagner E. J. Kalliher Ray G. Lewis Lorenzo Littlefield Cedar City Furniture Co. Estate of Isaac Eberly. Paine Bros. First Ward Bank, Portland, Me Amarillo Improvement Co. City of Palestine, Tex. W. B. Moses & Sonsdododododo. National Electric Supply Co. Chesapeake and Potomac Telephone Co.	do	100.00
	H. Overholzer	do	127.50
	T. B. Catron	do	100.00 127.50 105.00
	Orson Adams, jr	do	120.00
	Real Estate and Law Building Co	do	43, 78 165, 00 67, 50
	Albert Marty	do	165.00
	American Surety Co of New York	do	625.00
	E. S. Hughes & Co.	do	625. 00 106. 1 55. 00
	B. S. Williams	do	55.00
	J. L. Manning	do	59.3
	Jas. K. Porter	do	150.00
	U.S. McLaury et al	do	69. 0 150. 0
	Warfield & Dann	do	150.00
	M. E. Conway	do	37. 7
	Henry Bolton	do	75. 0 37. 7 52. 8
	Portland Transit Co. of Oregon	do	210.0
	Northwestern Mutual Life Insurance Co.	do	100.0
	Jas. S. Sebree	do	36.0 100.0
	Jac I Connell	do	100.0
	Luke & Smith	do	75. 0 102. 1 90. 0
	Joseph Gussenhoven	do	90.0
	John G. Brown	do	75.0
	H. S. Gilbert	do	67.0
	W. D. Grant	do	225.0
	Society of Savings	do	75. 0 67. 0 225. 0 285. 0 60. 0
	Ino Soiner	do	114.0
	Margaret Parmentier	do	75.0
	H. W. Styron	do	38. 6 101. 2 48. 0
	Pay roll, Parkersburg, W. Va	Substation, salaries	101.2
	Pay roll, New Haven, Conn	do	48.0
	Pay roll, Norfolk, Va	do	105. 0 123. 0 69. 0
	Pay roll Philadelphia Pa	do	69.0
	Pay roll, Cincinnati, Ohio	do	195.0
	Pay roll, Shreveport, La.	do	195. 0 42. 0 40. 0
	Pay roll, New York, N. Y	do	40.0
	Pay roll, Vicksburg, Miss	do	78.0 168.0 18.0 115.0
	ray roll, Unarieston, S. C.	do	168.0
	Pay roll Portland Oreg	do	115.0
	Chas. A. Blumner	Services	15.0
	Kate O'Tool	do	4. 5 15. 0
	W.T. Turbeville	do	15.0
	B. F. Modisett	do	30.0
	J. Evans	do	9. 0 15. 0 21. 0
18	N W Wagner	do	21.0
	E. J. Kalliher	do	15.0
	Ray G. Lewis	Office rent	15. (5. (64. 9
	Lorenzo Littlefield	do	64. 9
	Cedar City Furniture Co.	do	71.0
	Paine Bros	do	72.0
	First Ward Bank, Portland Me	do	126.0
	Amarillo Improvement Co	do	154. (73. § 126. (30. (78. §
	City of Palestine, Tex.	do	78.5
	W. B. Moses & Sons	Desks, etc	258.4 172.1 784.6 15.0
	do	do	172.1
	National Floatria Cample Co	Coppos wise	784.
	Chesaneake and Potomas Talanhara Co.	Telephone service	10.0
	Geo F Muth & Co	Turnentine	52.2
	Hugh Reilly J. C. Entwistle Southern Printers' Supply Co.	Wicks	3. 1 52. 2 1. §
	Hugh Reilly	Lights	
	I.I.C. Entwistle	Services Printing type	25.

Date.	Name.	Nature of payment.	Total.
1900.	W. S. Jenks Jas B. Lambie The J. C. Ergood Co. Pay roll, Ergood Co. Pay roll, Harrisburg, Pa Pay roll, La Crosse, Wis. Pay roll, Chicago, Ill Pay roll, Chicago, Ill Pay roll, Charleston, S. C. Pay roll, Vicksburg, Miss Pay roll, Des Moines, Iowa Pay roll, Des Moines, Iowa Pay roll, Pattsburg, Pa Pay roll, Pittsburg, Pa Pay roll, Little Rock, Ark do Pay roll, Little Rock, Ark Honer Homer K. Plough H. L. Holden Ed Kendall Fredk, Springmann Manhattan Electric Supply Co. Geo. Meier & Co. do Lowa Telephone Co. La Crosse Telephone Co. La Crosse Telephone Co. Southern Bell Telephone and TelegraphCo. do Southern Bell Telephone and TelegraphCo. Ado Southern Bell Telephone Co. E. A. Born Indianapolis Light and Power Co. Tampa Electric Co. do C. W. Byrnes Amelia McLean The Bell Telephone Co. of Philadelphia Mill Valley and Mt. Tamalpais Scenic Rwy C. J. Oyler R. A. Williamson Fint & Walling Manufacturing Co. do Cumberland Telephone and Telegraph Co.		
Oct. 18	W.S.Jenks	Repairs to rain gauge	\$4.0 37.0 1.2 42.0
	Jas. B. Lambie	Saws	37.0
	The J. C. Ergood Co	Flour	1.20
	Pay roll, Harrisburg, Pa	, Substation salaries	42.0
	Pay roll Chicago III	do	63.0
	Pay roll Charleston S C	do	386. 4 73. 6 73. 6 90. 0
	Pay roll, Vicksburg, Miss	do	73.6
	Pay roll, Narragansett Pier, R. I.	do	90.0
	Pay roll, Des Moines, Iowa	do	215.80
	Pay roll. Cairo, Ill	do	215. 80 131. 20
	Pay roll, Pittsburg. Pa	do	323.50 42.00 1.60
	Pay roll, Little Rock, Ark	do	12.0
	Day nell Chattengers Town	,do	1.0
	Pay roll Omaha Nahr	do	142.80
	Homer K Plongh	Services	25.10 15.00 30.00
	H. L. Holden	do	30.0
	Ed. Kendall	do	30.0
20	Fredk. Springmann	do	8. 1
	Manhattan Electric Supply Co	Wire.etc	8. 13 82. 70
	Geo. Meier & Co	Scotch hones	12.60 7.2-
	T (D-11 C-	Ink.	7.2-
	Iowa Telephone Co	Telephone service	36.00
	Wisconsin Telephone Co	do	7. 50 3. 73
	Lynchhurg Telephone Co	do	3.0
	Southern Bell Telephone and TelegraphCo	do	3. 0 3. 0
	do	do	7.50
	Southern States Telephone Co	do	7. 50 7. 50 10. 60
	Southern Bell Telephone and Telegraph Co.	do	10.60
	E. A. Born	Electric current	6.0
	Indianapolis Light and Power Co	do	18.00
	Tampa Electric Co	00	5. 00 3. 6-
	C W Pumos	Town convice	3. b.
	Amelia McLean	do	3.00
	The Bell Telephone Co. of Philadelphia	Service	3.00 3.00 30.00
	Mill Valley and Mt. Tamalpais Scenic Rwy	Rent of office	15.00
	C. J. Oyler	do	15.00 4.50 28.00
	R. A. Williamson	Printing bulletins	28.00
	Flint & Walling Manufacturing Co	Platform, etc	10.93
	do	Railings	28.00 12.00
	Cumberland Telephone and Telegraph Co- Vicksburg Rwy. Power and Manufactur-	Electric current	12.00 9.00
	ing Co.	Electric current	9.00
	Buffalo Gas Co	Gas	7 50
	Buffalo Gas Co Southern Bell Telephone and Telegraph Co San Antonio Gas and Electric Co	Telephone service	7.50 13.50
	San Antonio Gas and Electric Co	Electric service	6. 2
	M. A. Graham Oregon Telephone and Telegraph Co Portland Gas Co R. C. Wariner	Electric service Towel service Telephone service	6. 23 1. 50
	Oregon Telephone and Telegraph Co	Telephone service	6. 94 11. 70
	Portland Gas Co		11.70
	R. C. Wariner R. E. Dann	Toweling service	3.00
	Cumberland Flootric Light and Power Co	Toweling service. Printing bulletins Electric current.	3. 00 10. 00 15. 00
	Cumberland Electric Light and Power Co- The Central District Printing Telegraph	Telephone service	15.00 34.25
		_	Ort. Ai
	Consumers' Ice Co C.C. Randolph P. Minor Michigan Telephone Co The Inland Telephone and Telegraph Co. Southwestern Telephone and Telegraph	Ice	3.90
	C. C. Randolph	Printing bulletins	95. 50
	P. Minor	Ice	12.40
	Michigan Telephone Co	Telephone service	6.00 9.00
	The Inland Telephone and Telegraph Co	do	9.00
	Southwestern Telephone and Telegraph	do	9.00
	Co.	do	0.00
	Cumberland Telephone and Telegraph Co	do	6.00
	Missonri and Kansas Telephone Co.	do	14.00
	Pennsylvania Telephone Co	do	14. 00 18. 00 20. 00
	Sunset Telephone and Telegraph Co- Cumberland Telephone and Telegraph Co- Missouri and Kansas Telephone Co- Pennsylvania Telephone Co- The South New England Telephone Co- Ontario Telephone Co- The Empire State Telephone and Tele-	do	27.00
	Ontario Telephone Co	do	27.00 7.50
	The Empire State Telephone and Tele-	do	15.00
	The Empire State Telephone and Telegraph Co. The Bell Telephone Co. of Buffalo. Santa Fe Electric Telephone Co. Citizens' Telephone Co. The City and Suburban Telephone Assn. Capital Telephone and Telegraph Co. The Colorado Telephone Co. Union Telephone Co. New England Telephone and Telegraph Co. Co.		
	The Bell Telephone Co. of Buffalo	do	12.50 6.00 6.00
	Santa Fe Electric Telephone Co	do	6.00
	The City and Subunban Talanhana		6.00
	Capital Talanhana and Talannah C.	do	21, 00
	The Colorado Telephone Co	do	4.50 13.50
	Union Telephone Co	do	5.00
	New England Telephone and Tolograph	do	9.00

Date.	Name.	Nature of payment.	Total.
1900.			
et. 20	Black Hills Telephone and Telegraph Co- Rocky Mountain Telephone Co- Delaware and Atlantic Telephone and Tel-	Telephone service	\$21. 10. 12.
	Dolaware and Atlantic Telephone and Telephone	do	10.
	egraph Co.		14.
	Southern Ball Telephone and Telegraph	do	15.
	Co. Southwestern Telephone and Telegraph Co. Southwestern Telephone Co.—Columbia Telephone Co.—Columbia Telephone Co.—Columbia Telephone Co.—Columbia Telephone Co.—Columbia Telephone and Telegraph Co.—Missouri and Kansas Telephone Co.—Sunset Telephone and Telegraph Co.—Interstate Telephone and Telegraph Co.—Southern Bell Telephone and Telegraph Co.—Columbia Telephone Co.—The Colorado Telephone Co.—The Colorado Telephone Co.—The Colorado Telephone Co.—The Colorado Telephone Co.—The Bell Telephone and Telegraph Co.—The Bell Telephone and Telegraph Co.—The Service Telephone Co.—The	do	15.
	Southwestern Telephone and Telegraph Co.	do	15.
	Chesapeake and Potomac Telephone Co	do	15. 31.
	Columbia Telephone Co	do	10
	Missouri and Kansas Talanhana Co	00	22 30
	Sunset Telephone and Telegraph Co	do	15
	Interstate Telephone and Telegraph Co	do	4
	Southern Bell Telephone and Telegraph Co.	do	4
	The Colorado Telephone Co	do	16 22
	Rocky Mountain Bell Telephone Co	do	8 7
	Southern Bell Telephone and Telegraph Co.	do	7
	Southern Bell Telephone Co. of Missouri	do	16 10
	New York and Pennsylvania Telephone	do	21
	and Telegraph Co.		
	Wisconsin Telephone Co	do	18
	People's Telephone and Telegraph Co.	do	14
	East Tennessee Telephone Co	do	9
	Michigan Telephone Co	do	4
	East Tennessee Telephone Co	do	9
	Southern Bell Telephone and Telegraph Co.	do	10
	Northwestern Telephone Exchange Co	do	9
0.0	Missouri and Kansas Telephone Co	do	. 9
22	Thos A Boon	Services	15 30
	C. P. Disney	do	21
	Pay roll, Portland, Me	Substation salaries	75
	Pay roll, Augusta, Ga	do	30 84
	Pay roll Raleigh N. C	dodo	97
	Pay roll, Mobile, Ala	do	81
	Pay roll, Montgomery, Ala	do	49
	Pay roll, Indianapolls, Ind	do	180 49
	Pay roll, Sayannah, Ga	do	183 164
	Pay roll, Atlanta, Ga	do	164
	Pay roll, Montgomery, Ala	do	128 297
	Pay roll, Memphis, Tenn	do	220
	Pay roll, Omaha, Nebr	do	220
25	Chas. M. Moore	Services	21
	L. M. Tarr	Traveling expenses	21 21 4
	G.J.O'Connor	do	4
	W. S. Belden E. Whitehurst Alex. G. Burns	Services do Traveling expenses do Repairing rain gauge, etc. Services Cartage Bookcase	6 12
	Alex G Burns	Services	2
	Jno. Feist	Bookcase	7,0
	Western Union Telegraph Co	Repairs telegraph line	11
	Dodge City Telephone Co	Telepone service	3 105
	Nashville Gas Co	Gas	10
	Electric Lighting Co	Electric service	
	Alpena Electric Light Co.	Electric current	6
	The Raleigh Electric Co	do	15 4
	Jno. Feist Western Union Telegraph Co Dodge City Telephone Co Jas. Hepburn Nashville Gas Co Electric Lighting Co Alpena Electric Light Co Minneapolis International Electric Co The Raleigh Electric Co J. F. Beck Claude L	do	3
	Claude L. Friel	Printing bulletins	11
	Kentucky Steam Laundry	Towel service	1
	Ino Longstaff	Printing bulletins	35
	J. F. Beck Claude L. Friel Kentucky Steam Laundry. T. B. Satterwhite & Co Jno. Longstaff A. Midgett Geo. W. Finch The First National Bank of Moorhead. Geo. E. Shaw	Ice Printing bulletins Ice Telephone service. Office rent do Drayage Towel service, etc. Service do	9
	Geo. W. Finch	Telephone service	6
	The First National Bank of Moorhead	Office rent	66 70
	Geo. E. Shaw H. B. Boyer Geo. E. Franklin	Drayage	10
	Geo. E. Franklin	Towel service, etc.	3
	L. Rogers J. W. Branan	Service	15

ate.	Name.	Nature of payment.	Total
900.			***
t. 25	M. M. Laidley. Meridian Telephone Co Geo. S. Waite Tacoma Chamber of Commerce and Board of Trade.	Service	\$21.
	Meridian Telephone Co	Office ront	6. 119.
	Tacoma Chamber of Commerce and Roard	do	60.
	of Trade		00.
	Fanny L. Keating Chamber of Commerce Building Co. Guaranty Building Co	do	90.
	Chamber of Commerce Building Co	do	93. 2.
	Guaranty Building Co	Electric lights	2.
	P. F. P. Mueller	Service	35
	Guaranty Building Co P. F. P. Mueller Postal Telegraph Cable Co. of Texas H. C. Roberts Electric Supply Co. The Pain Manufacturing Co. Kansas City, Pittsburg and Gulf R. R. Co. C. F. R. Wappenhaus Fanny McLandlass D. W. King St. Louis Keckuk and Yorthwestern R. R.	Telegraph service	23 32
	H. C. Roberts Electric Supply Co	Insulators	32
	The Pain Manufacturing Co	Signal pockets	67
	Kansas City, Pittsburg and Gulf R. R. Co	Passenger transportation	18
	Enny McL and look	Sopriess	3 6
	D W King	do do	3
	St. Louis, Keokuk and Northwestern R. R.	Passenger transportation	42
	Co.		44
	Inland Type Foundry	Tyne	61
	Reading Paner Mills	Paner	72
	Inland Type Foundry	Type	72 67
	Rwy. Co.	Tuccongo: Citalopor tuccon illini	0,
	Phillip Lindmeyr	Cardboard	71
	Wm. Branigan	Use of team	9
	Pay roll, Savannah. Ga	Substation salary	63
	Pay roll, Minneapolis, Minn	do	340
	The Lake Shore and Michigan Southern Rwy. Co. Phillip Lindmeyr Wm. Branigan Pay roll, Savannah, Ga. Pay roll, Minneapolis, Minn Pay roll, Wilmington, N. C. Pay roll, Pensacola, Fla Southwestern Telegraph and Telephone Co.	do	128 36
	Pay roll, Pensacola, Fla	do	36
	Southwestern Telegraph and Telephone	Telephone service	7
	Co. New York and Pennsylvania Telephone	do	6
	New York and Pennsylvania Telephone and Telegraph Co.	C1	
	Marcus Sanchez	Cleaning office	15
	Bennett Printing House	Printing bulletins	20
	Wyalroff Saymons & Panadist	Personning types	20 12 7 22 8
	Wyckon, Seamans & Benedict	Repairing typewriter	99
	E H Bochnor	Repairing turniture	~~
	Rose Brosso	do	4
	Buffalo Typewriter Eychange	do	15
	Chicago Telephone Co	Telephone service	57
	Addressograph Co	Type, etc.	57
	Co. New York and Pennsylvania Telephone and Telegraph Co. Marcus Sanchez Bennett Printing House Duluth Telephone Co. Wyckoff, Seamans & Benedict Hersee & Co E. H. Bochner Rees Bresee Buffalo Type writer Exchange Chicago Telephone Co Addressograph Co. Alabama and Georgia Long Distance Telephone Co. Wm. J. Dombrowsky Richmond. Fredericksburg and Potomac	Telephone service	22
	Wm. J. Dombrowsky	Cleaning clock Passenger transportation	1
	Richmond, Fredericksburg and Potomac	Passenger transportation	9
	R. R. Co.		
	Jas. G. Biddle	Copper wire, etc.	43
	R. R. Co. Jas. G. Biddle Horace G. Whitney C. Posey E. H. Rose.	Printing bulletins	21
	E H Doop	Popoining tolograph line	27 13 1
	Horace G. Whitney C. Posey E. H. Rose Chicago, Burlington and Quincy R. R. Co Minneapolis, St. Paul and Sault Ste. Marie	Tolograph convice	5
	Minneapolis St Paul and Sault Ste Marie	do	13
	Rwy. Co.		10
	Aurora and Friendship Telephone Line	Telephone service	10
	Universal Supply Co	Ink	10
26	Pay roll, Wilmington, N. C.	Substation salaries	72 45
	Pay roll, Sandusky, Ohio	do	45
	Aurora and Friendship Telephone Line. Universal Supply Co Pay roll, Wilmington. N. C. Pay roll, Sandusky. Ohio Pay roll. Chicago, Ill Pay roll, Mobile, Ala Cincinnati, New Orleans and Texas Pacific Rwy. Co.	do	1,060
	Pay roll, Mobile, Ala	do	1, 060 143 7
	Cincinnati, New Orleans and Texas Pacific	Passenger transportation	7
	RWY. CO.	T-a-t-	00
	Frank W Vorg	Moole and lodgings	20 30
	Wm J Olds	Renairing rain gange	ə0 1
	R. A. Fessenden	Meals etc	1 29
	Zetta Higgins	Services	30
	Frank L. McClintic	Traveling expenses	90
	W. M. Fulton	do	8
	T.S. Outram	do	
	J. W. Smith	do	1
	Chas. D. Reed	do	11
	Cincinnati, New Orleans and Texas Pacific Rwy. Co. W. M. Fulton Frank W. Very Wm. J. Olds R. A. Fessenden Zetta Higgins Frank L. McClintic W. M. Fulton T. S. Outram J. W. Smith Chas. D. Reed Michigan Telephone Co do Sunset Telephone and Telegraph Co do East Tennessee Telephone Co. Electric Railway and Manufactures Supply Co. Central Union Telephone Co.	Telephone service	6
	Cymaet Telephone on 1 M-1-	do	0
	Sunset Telephone and Telegraph Co		6.
	East Tannassaa Talanhana Ca	do	15.
	Hast rennessee releanone Co	u0	10.
	Electric Railway and Manufactures Com	Dymomo hunchog	2

Date.	Name.	Nature of payment.	Total
L900.			
Oct. 26	Central Union Telephone Co	Telephone service	\$40
	Central Union Telephone Co The Northwestern Telephone Exchange	do	18
	Co.	do	0
	Cumberland Telephone and Telegraph Co.	do	9 21
	do	do	30
	do	do	30 10
	Southern Bell Telephone and Telegraph	do	8
	Co. do	do	177
	United Electric Light and Power Co	Electric current	17 24
	United Electric Light and Power Co Peninsular Light and Power Co	Electric wire	8
	dodo	Electric current	3
	Standard Gas and Electric Co	Gas	14 18
	New York Telephone Co	do	60
	R. L. Lewis	do	15 3 35
	The Telephone Co. of South Jersey	do	3
	New Orleans Gas Light Co	Gas	35
	E. Schmaltz	Cleaning office	Į,
	Peninsular Light and Power Co-do do Standard Gas and Electric Co Inland Telephone and Telegraph Co- New York Telephone Co- R. L. Lewis The Telephone Co. of South Jersey New Orleans Gas Light Co- E. Schmaltz. M. N. Weber S. L. Thompson Geo. Gobel	Lumber.etc	7
	Geo. Gobel	Flagstaff	75
	M. N. Weber S. L. Thompson Geo. Gobel Oklahoma Furniture Co Mary Fantleroy Davie Brothers H. Brooker & Co C. H. Reynolds R. U. Getty A. Greenwood & Co American Type Founders' Co P. H. Cheney & Son Diamond Ice and Storage Co Henry J. Ledoux Jones & Powell R. E. Dann Statesman Printing Co R. H. Vorpahl Scholes & Raehford E. A. Little Gether & Drebert Co Levi H. Campbell Griggs, Land & Co The Friedenwald Co Geo. M. Hubinger J. H. Thiemeyer Schneder Bros Louis Florman L. W. Dodd	Electric current. Gas Telephone service. do do Gas Cleaning office Services Lumber, etc Flagstaff Laying carpet Towel service Repairing shelters, etc Kerosene, etc	3
	Mary Fantleroy	Towel service	- 0
	H Brooker & Co	Kepairing shelters, etc	. 6
	C. H. Reynolds	Kepsaring shelters, etc. Kepsene, etc Repairing clock Ink, etc Painting shelter Reglets, etc Electric current Ice Water	1 8
	R. U. Getty	Ink, etc	8
	A. Greenwood & Co	Painting shelter	- 11
	American Type Founders' Co	Reglets, etc	2
	Diamond Ice and Storage Co	Lee	5
	Henry J. Ledoux	Water	101
	Jones & Powell	IcePrinting bulletins	2
	R. E. Dann	Printing bulletins	5
	Statesman Printing Co	Coating pollops	101
	Scholes & Rachford	do Casting rellers Erecting wind vane Cleaning office	12
	E. A. Little	Cleaning office	1
	Gether & Drebert Co	Type, etc	6
	Levi H. Campbell	Type, etc. Service and material. Coal	92
	The Evidenweld Co	Panor	2,068
	Geo. M. Hubinger	Paper Towel service Boxes Services	101 47
	J. H. Thiemeyer	Boxes	101
	Schneder Bros	Services	47
	Louis Florman	Chart frames Printing bulletins	15
	do	do	1 29
	J. I. Lengsfield	do	30
	A. A. Boles	Services	181
	Jno. A. Roebling's Sons Co	Copper wire	181
	J. H. Thiemeyer Schneder Bros Louis Florman J. W. Dodd do J. I. Lengsfield A. A. Boles Jno. A. Roebling's Sons Co Jno. B. Ayers Gamble & Ludwig Chas. E. Johnson & Co G. E. Stechert W. R. Nifong Dent & Butler Geo. F. Strong C. H. Phelps California Truck Co McCrary & Branson M. O. Reilly Gilpin & Jacobs O. J. Glenn Richd. H. Blunt Kenelin Cheseldine W. H. H. Smith	do do Services Copper wire Typewriter ribbon Printing material	1
	Chas. E. Johnson & Co	Ink	57
	G. E. Stechert	Ink Book	1 57 13
	W. R. Nifong	Ice	
	Coo F Strong	Office rent Drayage Map frames	70
	C H Phelps	Man frames	22
	California Truck Co	Drayage	22 1 26
	McCrary & Branson	Chart frames	26
	M.O. Reilly	Repairing motor	22
	O. J. Glenn	Dravage	. 5
	Richd. H. Blunt	do	1
	Kenelin Cheseldine	Services	24
	W. H. H. Smith	Use horse, etc.	11
	do	Services	60
30	United States Express Co	Transportation	25
00	J. C. Entwistle	Engraving	7
	w. H. I. Smch	Map frames Drayage Chart frames Repairing motor Stove Drayagedo Services Use horse, etc. Repairing telegraph line Services Transportation Engraving Halyards, hose, etc Suppliesdo do	25 7 26
	do	Supplies	551 8 10
	do	do	10
	do Union Typewriter and Supply Co R. Carter Ballantyne do	Repairing typewriter	4
		Pencils, bands, etc	24

Date.	Name.	Nature of payment.	Total.
1900.		1	
ct. 30	R. Carter Ballantyne. Wm. Ballantyne & Sons	Stationery	\$146.
	Wm. Ballantyne & Sons	Solio paper Vaseline	71.
	Mackall Bros	Vaseline	4.
	Mackall Bros Wm. H. Dyer Jno. Moran Thos. Somerville & Sons	Sawdust	4. 1. 1.
	The Comparille & Cong		
	do	Sumplies	2. 8. 12. 2. 29. 2,847. 277.
	do	Supplies Iron pipe Supplies Traveling expenses Office expenses Salaries	12
	Fred. A. Schmidt	Supplies	2.
	Fred. A. Schmidt Willis L. Moore	Traveling expenses	29.
31	P. Connor B. F. Lacombe et al W. F. R. Phillips et al	Office expenses	
	B. F. Lacombe et al	Salaries	2,847.
	W. F. R. Phillips et al	do	277.
v. 2	Jas. Berry. N. B. Conger L. A. Judkins	Traveling expenses	61.
	N. B. Conger	do	61. 85. 16.
3	L. A. Judkins L. M. Pindell	Office expenses	16.
	J. H. Smith	do	8. 5.
	L. A. Judkins	do	9.
	Eliz. L. Renoe	do	3.
			0.
	A H Thiessen	Traveling expenses	6.
	Pay roll, New Orleans, La	Substation salaries	146.
	H. R. Patrick A. H. Thiessen Pay roll, New Orleans, La do Pay roll, Augusta, Ga Pay roll, Boston, Mass Mary E. Shelden Frank D. Mirzele	do Traveling expenses Substation, salaries do	220.
	Pay roll, Augusta, Ga	do	165.
	Pay roll, Boston, Mass.	Rent of office	165. 40.
	Mary E. Shelden	Rent of office	74.
	Mary E. Shelden Frank D. Miracle Chicago, Milwaukee and St. Paul Rwy. Co. American Type Founders' Codododododododo	do	105.
	Chicago, Milwaukee and St. Paul Rwy. Co.	Passenger transportation	8.
	American Type Founders' Co	Supplies	49.
		do	33.
	00	do	90.
	Chicago Vannigh Co	Varnish Frames for chart	90. 64. 2. 18.
	Shieglay Chaca Co	Everyos for about	18
	A M Smith & Co	do	4
	S. Leslie Thompson	1	2.
	Phillip Gross Hardware Co	Hand truck	2. 7.
	A. M. Smith & Co S. Leslie Thompson Phillip Gross Hardware Co W. W. Best	Repairing telegraph line	1
	H.G. Hart	Labor Hand truck Repairing telegraph line do Repairing flagstaff Hire of horse Hire of team and driver Cleaning river gauge Recasting rollers Repairs to telethermograph Painting instrument shelter	2. 2. 2.
	Robt. N. Meeks	Repairing flagstaff	2.
	Fred Albright	Hire of horse	2.
	Peleg Brown	Hire of team and driver	3.
	A. J. Sanders	Cleaning river gauge	3.
	L. F. Willoughby	Recasting rollers	4. 3.
	Kiggs & Bro	Repairs to telethermograph	5.
	T H I awyoneo	T CONTROLL AND CHOICE THE	18
	E L Styron	do	18. 10.
	H Van Kenren	Renairing river gauge	6.
	H. G. Hart Robt. N. Meeks Fred Albright. Peleg Brown A. J. Sanders L. F. Willoughby Riggs & Bro W. M. Warren T. H. Lawrence E. L. Styron H. Van Kenren Edison Sault Electric Co American Electrical Works Barnhart Bros. & Spindler do	do do Repairing river gauge Electric current. Magnet wire Supplies do Printing bulletins. Washing towals and flags	8.
	American Electrical Works	Magnet wire	6. 41.
	Barnhart Bros. & Spindler	Supplies	41.
	do	do	25.
	L. Naegele & Sons	Printing bulletins	22.
	Dora Moyen	Trashing towers and hags.	6.
	Cnas. H. Rowland	Ice	3. 99
	Barnnart Bros. & Spindler do L. Naegele & Sons. Dora Moyen Chas. H. Rowland Geo. Meier & Co.	Flannel for printing office Recasting rollers Services Painting river gauge Framing charts Rent of telephone	23.
	O. J. Maigne Julien P. Freiz W. S. Jones	Services	16. 10.
	W S Jones	Painting river gauge	15.
	A E Schnieder & Co	Framing tiver gauge	9.
	Rocky Mountain Bell Telephone Co	Rent of telephone	9.
	Pacific States Telephone and Telegraph Co.	do	25.
	Valley Paper Co	Paper for printing office	380.
	O. J. Mairs	Hauling	10. 10.
	Addressograph Co	Boxes	10.
	J. W. Selby	Lumber	2.
	St. Paul Electric Co	Glass battery jars	1.
	Lee A. Laird	Hauling Boxes Lumber Glass battery jars Services do	9. 40.
	Standard Oil Co	Benzine	40.
	W. S. Jones A. E. Schnieder & Co Rocky Mountain Bell Telephone Co Pacific States Telephone and Telegraph Co. Valley Paper Co Addressograph Co J. W. Selby St. Paul Electric Co Lea A. Laird Eldredge's Express Standard oll Co Jas. Hunter	Wood	6. 48.
	Jas. Hunter Cumberland Presbyterian Publishing	Wood Paper	1.
	House.	r aper	1.
	Wm F Coston	Signals	17.
	Whit Costson Peter Gray W. G. Burns Henry Hedenreich Hart & Parker	Lanterns	290
177	W. G. Burns	Office expenses. Repairs to letterpress stand	39. 7.
- 4			Je.
7 8	Henry Hedenroich	Ranging to letternrage stand	

te.	Name.	Nature of payment.	Total
)0			
. 8	Chas. E. Johnson & Co. Barnhart Bros. & Spindler	Lithograph ink, etc	\$25.
	Barnhart Bros. & Spindler	Services	1.
	Barnart Bros. & Spindler do J. W. Mitchell Port Royal Dock Co H. C. Thompson Julien P. Friez Jos. Bryan G. N. Salisbury	Services. Supplies Frames for charts Coal	9. 19.
	Port Royal Dock Co	Coal	00
	H. C. Thompson		25. 454. 150. 2. 6.
	Julien P. Friez	Supplies Office rent Office expenses do do	454.
	Jos. Bryan	Office rent	150.
	L. H. Murdoch	do do	6
	J. P. Slaughter	do	0.
	Marsden Wright	do	4.
	T. S. Outram	do	4. 2. 5.
	Wayland Pailoy	do	ə. 1
	A.E. Hackett	do	2.
	Alfred H. Thiessen	do	29.
	W. L. Day	do	29. 29.
	Alfred H. Thiessen	do	20.
	W.T. Blytne	Traveling expenses	37. 75.
12	Jos Bryan G. N. Salisbury L. H. Murdoch J. P. Slaughter Marsden Wright T. S. Outram W. M. Wilson Wayland Bailey A. E. Hackett Alfred H. Thiessen W. L. Day Alfred H. Thiessen W. T. Blythe Edwd. A. Beals Wm. E. Dewitt & Co Pay roll, Atlanta, Ga	Services	30
14	Wm. E. Dewitt & Co Pay roll, Atlanta. Ga. Pay roll, Fort Smith, Ark Pay roll, Fort Smith, Ark Pay roll, Portland, Oreg Pay roll, Portland, Oreg Pay roll, St. Louis, Mo do D. D. Booze C. H. Moffett Thos. W. Smith Norwich University Max Levy. Alex. J. Pollock M. Beckwith H. R. Sadler	Services Substation salaries	57. 39. 255.
	Pay roll, Fort Smith, Ark	dodo	39.
	Pay roll, Columbus, Ohio	do	255
	Pay roll St Louis Mo	do	7. 184. 107.
	do	do do Services	107
	D. D. Booze	Services	1
19	C. H. Moffett	do	1.
	Thos. W. Smith	do Signaling mast Electric light Electric current	$\frac{554}{12}$
	Moy Lovy	Electric light	30
	Alex J. Pollock	Renairing clock	2
	M. Beckwith	Carting	
	H. R. Sadler	Repairing clock Carting Repairing furniture River gauge	24
	Thos. McCaffrey	River gauge	40
	M. Deckwith H. R. Sadler Thos. McCaffrey C. J. McRae Clarke & Courts. The State Co	Starootyping weather mans	1.2
	The State Co	Stereotyping weather maps Binding book of forms Molding Erecting storm tower	ĩ
	A Greenwood & Co Worthington Bros The Winship Manufacturing Co E. Olsen & Co	Molding	6 35
	Worthington Bros	Erecting storm tower	35
	The Winship Manufacturing Co	do	34 98
	The Phillips & Oshown C C and W Works	do do Laying carpet Erecting storm tower Type Type to Thermometers Washing towals	4
	E. O. Isen & C. O. Sborn C. C. and W. Works Jno. McCallum American Type Founders' Co Barnhart Bros. & Spindler Henry J. Greene A. B. Wood E. D. Beattie	Erecting storm tower	86
	American Type Founders' Co	Type	13
	Barnhart Bros. & Spindler	Type, etc	40
	Henry J. Greene	Weshing torrels	900
	A. B. W 000	Washing towels Printing climate and crop re-	3 36
		ports.	
	Dunn & Lemmon		33
	The Bryan Printing Co	do	33 56 19
	Dunn & Lemmon The Bryan Printing Co Times-Journal Publishing Co E. M. Bowman	do	19
	Pacific Transfer Co	do	14
	E. M. Bowman Pacific Transfer Co The Pigott & French Co Samuels Transfer and Storage Co W. Broadwell	Printing crop report, etc	3 14 35
	Samuels Transfer and Storage Co	Printing crop report, etc Drayage do	9
	W. Broadwell	do	5
	Northern Pacific Rwy. Co	Passenger transportation Telegraph service	30
	Corvellis and Eastern R. R. Co	dodo	2
	W. Document Northern Pacific Rwy. Co. Winton Telegraph Co. Corvellis and Eastern R. R. Co. The Central District and Printing Tele-	do	5 35 7 2 12
	graph Co.	Telephone services	12
	Bocky Mountain Bell Telephone Co	do	5
	Ohio River Telephone Line	do	46 46 30
	Nebraska Telephone Co	do	46
	graph Co. Southwestern Telegraph and Telephone Co Rocky Mountain Bell Telephone Co Ohio River Telephone Line Nebraska Telephone Co Jacksonville and Rich Square Telephone	do	30
	Co. Lowe Tolophone Co	do .	7
	East Tennessee Telephone Co	do	15
	Dakota Central Telephone Lines	do	15 107 146
	Cumberland Telephone and Telegraph Co.	do	146
	Lowa Telephone Co East Tennessee Telephone Co Dakota Central Telephone Lines. Cumberland Telephone and Telegraph Co Jno. Clarke Alabama. Mississippi and Tennessee Telephone Co. Galveston Gas Co.	do	6
	Alabama, Mississippi and Tennessee Tele-	do	6
	phone Co. Galveston Gas Co. Hoke Engraving Plate Co.	Gas	3 73
	Garroston Gas Co	Campaling	73

Date.	Name.	Nature of payment.	Total.
1900.			
ov. 19	Hoke Engraving Plate Cododo	Recoating plates	\$100.
	do	Stereotype metal Recoating plates	32.
	do	Recoating plates	100.
	do	do	75.
	00 do	do	100. 62. 2. 8. 10.
	Chas W Ling	Office expenses	9
	E H Emery	do	8.
	do	do	10.
	I. M. Cline	do	1. 12.
	R. G. Allen	do	12.
	S. S. Bassler	Traveling expenses	11. 2. 60.
	N. B. Conger	do	2.
	Pay roll, Alpena, Mich	Substation salaries	60.
	Pay roll, Cleveland, Onlo	0D	00.
	Pay roll Rocton Mass	do	66. 67. 500.
	Saml B Hicks et al	Rent of office	120.
	E.S. Levy	-do	150.
	J. P. H. Bell	Services	16.
20	H. E. Craven	do	2.
	T. P. Halloran	do	
	Pay roll, New York, N. Y.	Substation salaries	40.
	Pay roll, Charleston, S. C.	do	35.
	Pay roll, New Orleans, La	ŭ0	74.
	do d	do	43. 54.
	Pay roll Charleston S C	do	24.
	Pay roll, Vicksburg, Miss	ob.	24.
21	Pay roll, Galveston, Tex	do	404.
	Pay roll, Louisville, Ky	do	274.
	R. A. Fessenden	Office expenses	18.
	A. H. Thiessen	do	18. 22. 7.
	East Louisiana R. R. Co	Telegraph services	7.
	Barron County Telephone Co	Telephone services	1ā.
	Alabama and Caspris I and Distance Wals	do	5.
	phone Co.	do	21.
	Staunton Mutual Talanhona Co	do	27
	North Montana Telephone Co	do	37. 21. 22.
	Cumberland Telephone and Telegraph Co.	do	22.
	W. H. Holmes	do	6.
	J. W. Lowry	Services	15. 48.
	phone Co. Staunton Mutual Telephone Co. North Montana Telephone Co. Cumberland Telephone and Telegraph Co. W. H. Holmes J. W. Lowry T. Haggerty American Ice Co. J. B. Buck F. I. Carter Alex H. Revell & Co. C. L. Friel H. J. Bool	do	48.
	American Ice Co	Ice	1.
	T P Prob	Caller wash	10
	& I Cortor	Panaira to Calimanh	10.
	Alex H Revell & Co	Rangire to lounge	4. 10.
	C. L. Friel	Printing bulletins	13
	H. J. Bool	Frames for charts	13. 17.
	B. J. Tuttle	Painting instrument shelters	10.
	Adolph Reich	Erection of tower	30.
00	Whitehead & Kales	do	100.
22	C. L. Friel H. J. Bool B. J. Tuttle Adolph Reich Whitehead & Kales Pay roll, Montgomery, Ala Pay roll, Montgomery, Ala Pay roll, Savannah, Ga. Pay roll, New Orleans, La Conrad E. Hesse Jos. P. Fallihee E. A. Evans Chas. M. Strong E. C. Vose Chas. E. Holmes R. A. Fessenden do	do Services do Ice Ice Ink Galley rack Repairs to Caligraph Repairs to lounge Printing bulletins Frames for charts Painting instrument shelters Erection of tower do Substation salaries do do do do	264.
	Pay roll Sayannah Co	do	43, 68. 49.
	Pay roll, New Orleans La	do	10
	Conrad E. Hesse	Office expenses	13.
	Jos. P. Fallihee	do	3.
	E. A. Evans	do	3. 4.
	Chas. M. Strong	do	3,
	E. C. Vose	do	10.
	Unas. E. Holmes	Traveling expenses	3. 10. 17.
	n. A. ressenden	do	25.
	Johnson & Johnson	Wood and cool	15.
	M. R. Scarborough	Painting river gange	19.
	J. L. Hastings	Painting flagstaff	2. 15.
	C. Posey	Ice	6.
	W. L. Thompson	do	15. 6. 6. 1,512. 30. 22. 24.
	R. A. Fessenden do Johnson & Johnson M. R. Scarborough J. L. Hastings C. Posey W. L. Thompson Addressograph Co Kansas Farmer Co C. W. Richardson U. B. Dodge Rising Sun Telegraph Line Southwestern Telegraph and Telephone Co.	do d	1, 512.
	Kansas Farmer Co	Printing bulletins	30.
	U. W. Richardson	Carpet, etc	22.
	U.B. Dodge	Repairing telegraph	24.
	Southwestern Telegraph Line	Frinting bulletins Carpet, etc Repairing telegraph Telegraph service Telephone service	2.
	Co.	relephone service	
	Mutual Telephone Co. N. R. Fitzhugh, jr	ob	7.

	Name.	Nature of payment.	Tota
_			
22	H. W. Johnston S. W. Shearer	Erecting storm tower	\$2
	S. W. Shearer	do	5
	Jno. Halloran. N. R. Fitzhugh, jr H. W. Gross. Otto Redeker.	do	8
	N. K. Fitznugh, Jr	Erecting wind vane	1 1 1
	Otto Bedeker	Erecting instrument shelter	1
		etc.	_
.	Josef Stainer	do	3
23	C. E. Hesse Chesapeake and Ohio Rwy. Co The New York, New Haven and Hart- ford R. R. Co.	Traveling expenses	
	The New York New Haven and Hart-	Passenger transportationdo	
	ford R. R. Co.		
	Union Pacific R. R. Co. Michigan Central R. R. Co. Pennsylvania Co. Seaboard Air Line Rwy. Co. New York Central and Hudson River	do	6
	Michigan Central R. R. Co	do	0
- 1	Seeboard Air Line Rwy Co	do	2
ı	New York Central and Hudson River	do	
	Dr. Dr. CO.		
	Fremont, Elkhorn and Missouri Valley	do	
	R. R. Co.	a.	0
	San Antonio and Aransas Pass Rwy. Co Schneider Bros	do Testing tube Handsaw, etc	3
	Schneider Bros J. H. Weddington & Co	Handsaw, etc.	6
	J. H. Bunnell & Co		"
	J. H. Bunnell & Co Valley Paper Co Phillip Lindemeyr J. H. Thiemeyer	Paper	41
1	I H Thiomograp	Cardboard	12
	Walter Scott & Co	Repairing lithograph press	7
	do	Relays Paper Cardboard Packing boxes Repairing lithograph press Screws, etc	
	Southern Bell Telephone and Telegraph	Telephone service	
	Co. Cumberland Telephone and Telegraph Co.	a.	9
	S. P. Johnson	do Caligraph	26
	S. P. Johnson do	Cangraph do Rags Pitchers Supplies Inkstands	6
	Broderick Bros Rudolph, West & Co Thos. Somerville & Sons	Rags	1
	Rudolph, West & Co	Pitchers	
	Ino C Parker	Inkstands	2
	Jno. C. Parker do M. G. Copeland & Co Clark & Davenport J. Baumgarten & Sons W. B. Moses & Sons	Flags Carpet Rubber stamps Chair	2, 61 2, 15 9
	M. G. Copeland & Co	Flags	2, 15
	Clark & Davenport	Carpet	9
	W B Mosos & Sons	Chair	
			12
		Soap	4
	The Maurice Joyce Engraving Co	Services and supplies	1
	The Maurice Joyce Engraving CodoWyckoff, Seamans & BenedictJas. B. LambiedoM. D. Benedict	Soap Services and supplies Supplies Repairing typewriter Turn-buckles Wire, etc	134
	Jas. B. Lambie	Turn-buckles	
	do	Wire, etc	
	M. Du Perow Fred A. Schmidt J. G. Puddock Sentenne & Green Jim Ray	Glass cells Ink, etc Erection of tower	12 5
	I (1 Puddock	Erection of tower	16
- 1	Sentenne & Green	Signs for tower	11 1 1
	Jim Ray	Ice	1
26	Jim Ray Jno. C. Parker do J. C. Entwistle Springmann's Express Broderick Bros Cleveland Abbe Geo. W. Eddey A. J. Mitchell L. N. Jesunofsky J. P. Friez Weber & Archer Machine Works	Ice Paper folders Clip boards Engraving Drayage Rags Traveling expenses Office expensesdo Traveling expenses Rain gauges, etc.	1
	1 C Entwictle	Clip boards	
	Springmann's Express	Dravage	
	Broderick Bros	Rags	1
	Cleveland Abbe	Traveling expenses	
30	Geo. W. Eddey	Office expenses	
	L. N. Jesunofsky	Traveling expenses	
П	J. P. Friez	Rain gauges, etc.	25
	Weber & Archer Machine Works	Repairs on press Binding bulletins	
	Glass & Prudhommie	Binding bulletins	5 2
	F. I. Crindiff	Signal rockets	~
	F. A. Tasker	do	
	Henry Haffner	Services	19
	J. P. Friez Weber & Archer Machine Works Glass & Prudhommie The Paine Manufacturing Co F. L. Crindiff. F. A. Tasker Henry Haffner M. E. Leeds American Electrical Works Norfolk and Southern R. R. Co	Static transformer	18
	American Electrical Works	Copper wire	
	do	do	-
	Union Pacific R. R. Co	do	1
	F. A. Tasker Henry Haffner M. E. Leeds American Electrical Works Norfolk and Southern R. R. Co do Union Pacific R. R. Co Pennsylvania R. R. Co The Colorado and Southern Rwy. Co Norfolk and Southern R. R. Co B. F. Larcombe et al	do	1 2
	The Colorado and Southern Rwy. Co	do	1
	Noriolk and Southern R. R. Co	do	2,79

te.	Name.	Nature of payment.	Total.
0.			
ov. 30 ec. 3	W. F. R. Phillips et al.	Salaries Brussels carpet, etc do Paper	\$269. 64. 103. 305.
	Clark & Davenport	Brussels carpet, etc	64.
	Clark & Davenport do Jno. C. Parker	do	103.
	Jno. C. Parker do R. Carter Ballantyne W. B. Moses & Sons Jas. B. Lambie Union Typewriter and Supplies Co Thos. Somerville & Sons Rudolph, West & Co Harry E. Overstreet J. R. Clark Michigan Central R. R. Co Lake Shore and Michigan Southern Rwy. Co.	Paper	1 222
	R Canton Ballantyna	doPencilsBookcaseNail pullers, etc	1, 333. 73.
	W B Moses & Sons	Bookcase	8.
	Jas. B. Lambie	Nail pullers, etc	8. 17.
	Union Typewriter and Supplies Co	Pads	18. 1. 18.
	Thos. Somerville & Sons	Nippers Scissors	1.
	Rudolph, West & Co	Scissors	18.
	Harry E. Overstreet	Hauling Transportationdodo	10.
	Michigan Control P. P. Co	Transportation	1. 1.
	Lake Shore and Michigan Southern Rwy	do	1.
	Co.		
	Southern R. R. Co	Passenger transportation	14.
	do	do	6.
4	Southern Bell Telephone Co	Telephone service	8. 90.
	Pay roll, Jacksonville, Fla	Substation salaries	90.
	Pay roil, Galveston, Tex	do	136.
	H. W. Bishandson	Office expanses	74.
	Southern R. R. Co do Southern Bell Telephone Co Pay roll, Jacksonville, Fla Pay roll, Galveston, Tex Pay roll, Galveston, Tex Pay roll, Memphis, Tenn H. W. Richardson R. B. Harkness A. H. Thiessen R. A. Fessenden N. B. Conger do Northern Pacific Rwy. Co New York, New Haven and Hartford R. R. Co.	do do	
	A H Thiocean	do	20
	R. A. Fessenden	Traveling expenses	20. 11.
	N. B. Conger	do	
	do	do	5.
	Northern Pacific Rwy. Co	Passenger transportation	5. 7. 5.
	New York, New Haven and Hartford R. R.	do	5.
	Co.		
	Great Northern Rwy. Co	do	2. 7.
	Great Northern Rwy. Co Atlantic Coast Line R. R. Co Newport and Wickford R. R. and Steam-	do	7.
	boat Co.	ao	4.
	Ponneylyania P. P. Co.	do	36.
	Pennsylvania R. R. Co New Bedford, Marthas Vineyard and Nan-	do	1.
			1.
	Utah and Pacific R. R. Co	do	4.
	A. W. Stevens	Drayage	$\frac{4}{1}$.
	Thos. B. Meeker	do	1. 2. 1.
	Howard Transfer Co	do	2.
	E. L. Page	do	1.
	Enad F Cmith	Storm tower	48.
	I H Boltz	Casting	1
	Georgetown Iron Works	Eracting storm tower	1. 60.
	N. E. Noakes & Bro	do	55
	Henry M. Smith	do	55. 45. 83. 90.
	Saml. Bally	do	83.
	Optenberg & Souneman	do	90.
	T. J. Reynolds	Services	15.
	Utah and Pacific R. R. Co A. W. Stevens Thos. B. Meeker Howard Transfer Co E. L. Page Manistee Iron Works Co Fred. F. Smith J. H. Baltz Georgetown Iron Works N. E. Noakes & Bro Henry M. Smith Saml. Bally Optenberg & Souneman T. J. Reynolds C. J. Kettleson Wm. Crawford Addressograph Co M. O. Reilly	Services	15. 10. 3.
	W III. Crawtord	Use horse and wagon	3.
	M O Roilly	Supplies	4. 9.
	M. O. Reilly C. E. Johnson & Co Eberhard Faber	Magnesia	
	Eberhard Faber	Pencils etc	131
	A. J. Cameron	Field glasses	191
	A.J. Cameron The Blakeley Printing Co	Type	131. 12. 4. 9.
	Rhodes & Buckner	Type Repairing office case	9.
	Geo. Magub	Repairing office desk	
	The H. & W. B. Drew Co	Molding for rooms, etc	11.
	C. E. Hoyle & Sons	Making frames	24.
	Boyd Park	Clock springs.	24. 23. 3.
	G B Cowing	Recasting rollers	3.
	J R Marbury	Office expenses	14.
	Harry Stackhouse	Repairing chairs	25. 2.
	Dowd & King	Tubing etc.	ے. 1
	Barnhart Bros. & Spindler	Type, rule	1. 20.
	Rhodes & Buckner Geo. Magub The H. & W. B. Drew Co C. E. Hoyle & Sons Boyd Park Wild & Stevens G. B. Cowing J. B. Marbury Harry Stackhouse Dowd & King Barnhart Bros. & Spindler A. T. Sprague Edenfield & Jetton Jacob Grambinger The Okonite Co., Limited United States Envelope Co F. H. Knowles Lucy A. Midgett A. D. Dixon F. C. Ayers	Chestnut logs, etc.	•211
	Edenfield & Jetton	File case	45.
	Jacob Grambinger	Repairing clock	45. 1. 15.
	The Okonite Co., Limited	Wire	15.
	United States Envelope Co	Envelopes	1.729.
	F. H. Knowles	Services	5. 13.
1	Lucy A. Midgett	do	13.
			13.

Date.	Name.	Nature of payment.	Total.
1900.			
Dec. 4	Adolphus Burrus	Services	\$3.
	O. W. Bye The Denver Type Foundry Co	Use of horse Repairs to printing press	3.
	The Denver Type Foundry Co	Repairs to printing press	12.
	Wyckoff, Seamans & Benedict American Type Founders' Co	Repairs to typewriter	2.
	do	Suppliesdo	45. 7.
	do	do	1.
10	Clark & Davenport.	Carpet	36.
	Fred A. Schmidt	Supplies	250.
	J. C. Entwistle Union Typewriter and Supplies Co	Engraving	5.
	Union Typewriter and Supplies Co	Platen	2.
	Nortolk and Washington Steamboat Co	Passenger transportation	3.
	W. L. Moore	Traveling expenses	38.
	Lower Coast Packets	Transportation	
	J. H. Cunning ham Hoke Engraving Plate Co	Recoating plates	87.
11	Eimer & Amend	Gold in sheets	2.
11	Eimer & Amend Geo. Meier & Co	Lithographic varnish	8
	J. B. Miner	Material and labor	64.
	American Type Founders' Co	Leads	5
	J. B. Miner American Type Founders' Co Hudgins & Hurst	Mail bag	2
	N B Bennett	Painting instrument shelters.	8
	Jno. W. Holmes Queen & Co., incorporated Georgetown Electric Co. Fort Smith and Van Buren Light and	Repairing telegraph lines	3
	Queen & Co., incorporated	Electric coil	175
	Georgetown Electric Co	Electric light on tower	14
	Fort Smith and van Buren Light and	Electric current for fan	4
	Transit Co. G. B. Wilson & Co	Exacting vivon source	117
	D. Stormont	Erecting river gauge Erecting storm tower	71
			117 71 234
	A. M. Biythe A. D. Ross. Peter Dixon Wm. H. Wyer & Co. United States Envelope Co. Valley Paper Co. Yreka R. R. Co. Maricopa and Phoenix and Salt River Val-	do	40
	Peter Dixon	do	170
	Wm. H. Wyer & Co	Envelopes	65
	United States Envelope Co	Envelopes	3
	Valley Paper Co	Paper	130
	Yreka R. R. Co	Passenger transportation	1
	Maricopa and Phoenix and Salt River Val-	do	2
	i ley iv. iv. co.		50
	Pacific Coast Steamship Co	do	50 4
	J. P. Fallihee	Office expensesdo	13
	Jas. S. Sebree American Type Founders' Co.	Supplies	26
14	J. E. Smith	Supplies	4
	H. G. Hart	do	2 3
	H. G. Hart Fred. Albright	Use of horse	3
	Hyrum Dalley Geo. F. Muth & Co.	Drayage	1
	Geo. F. Muth & Co.	Turpentine	26
	R. C. Ballantyne	Files Letter presses, etc	20 82
	Jno. C. Parker	Letter presses, etc	04
	Forlo Ivon Works	Hauling Erecting storm tower	117
	A. C. Ballantyne Jno. C. Parker Erick Boysen Eagle Iron Works Morris E. Leeds & Co Seth Graham & Son B. E. Carpington	Wire	3
	Seth Graham & Son	Wire Drayage	2
	R. E. Carrington	Stovepipe	1
	R. E. Carrington J. Baumgarten & Sons The Maurice Joyce Engraving Co	Stovepipe	1
	The Maurice Joyce Engraving Co	Electrotype plates	28
	W.B. Moses & Sons	ServicesOffice furniture	150
	W.B. Moses & Sons	Office furniture	156 33
	Hedderich Bros. & Co	Brooms, etc	2
	Wm II Drop	Sawdust	ĩ
	Wm. H. Dyer Franklin & Co Rudolph, West & Co C. Paravicini	Eyeglasses	4
	Rudolph West & Co	Chamois skin	25
	C. Paravicini	Chamois skin	7
	W. Branigan	Use team	5
	Buffington & Co	Use team Re-covering rollers	3
	W. Branigan Buffington & Co Postal Telegraph Cable Co	Telegraph services	258
	do Pay roll, Mobile, Ala	do	71
	Pay roll, Mobile, Ala	Substation salaries	47
	Fredk. Springmann The Pacific Coast Co	Transportation	1
	Ine Pacific Coast Co	Passenger transportation Office expenses	3
	Jno. R. Weeks J. C. Hayden	do	
	W. G. Burns	do	44
	Frank W. Very	do	17
	W. M. Fulton	Traveling expenses	6
	Frank W. Very W. M. Fulton do	do	8
	W. B. Stockman	do	38
	L. N. Murdock		6

Date.	Name.	Nature of payment.	Total.
1900.			
ec. 17	Pay roll, New York, N. Y Bank of Tehama County A. H. Thiessen R. A. Fessenden Conrad E. Hesse	Substation salaries	\$40.
	Bank of Tehama County	Office rent	00
	A. H. Thiessen	Office expenses	20.
	R. A. Fessenden	do	20. 23. 20. 102.
	Conrad E. Hesse	do	20.
	Alex. G. McAdie	Traveling expenses	102.
	Aurora and Friendship Telephone Line	Telephone service	4.
	The Bell Telephone Co. of Buffalo	do	7.
	Ohio River R. R. Co	Telegraph service	7.
	International Ocean Telegraph Co	do	121.
	do	do	125. 7.
	R. A. Fessenden Conrad E. Hesse Alex. G. McAdie Aurora and Friendship Telephone Line The Bell Telephone Co. of Buffalo Ohio River R. R. Co International Ocean Telegraph Co. Jacksonville and St. Johns Bar Telegraph Line.	do	
	Ocean Tow Boat Line	do	7. 30.
	Ocean Tow Boat Line	do	30.
	do	do	30.
	Postal Telegraph Cable Co. of Texas	do	42.
	Great Northwestern Telegraph Co	do	160.
	J. T. Harper	do	10.
	Ocean Tow Boat Line. do Postal Telegraph Cable Co. of Texas Great Northwestern Telegraph Co J. T. Harper Philadelphia, Reading and Pottsville Telegraph Co. A. T. Craig Allie M. Adie. H. E. Paddock M. N. Hunt The Carter Ink Co W. A. Powell D. Stormont East Florida Printing Co Hart & Parker The Sarther Typewriter Co. R. Schiller E. D. Beattie Wm A. West E. J. Brooks L. H. Jones	do	21.
	graph Co.	6	
	A.T. Craig	Services and material	1.
	Allie M. Adle		5.
	H. E. Paddock	do	5. 1. 3.
	The Couter Ink Co	Musilago suns	3. 14.
	W A Downll	Population typowiton	13.
	D Stormont	Transportation	5.
	East Florida Printing Co	Printing weather bulleting	39.
	Hart & Parker	Renairs to office clock	9
	The Smith Premier Typewriter Co	Repairs to typewriter	13. 3.
	B. Schiller	Services	3
	E. D. Beattie	Printing climate bulletins	36,
	Wm A. West	Poles for telegraph line	782
	E. J. Brooks	Ink	782. 3.
	L. H. Jones	Recasting rollers	3.
	Inland Type Foundry	Supplies	4
	L. H. Jones Inland Type Foundry Jno. R. Nye Barnhart Bros. & Spindler	Office furniture.	90
	Barnhart Bros. & Spindler	Type	12.
	The P Meshan	Printing climate bulletins Poles for telegraph line Ink Recasting rollers Supplies Office furniture Type Lye brushes Erecting flagstaff Services do Shelving	17.
	Thos. B. Meeker	Erecting flagstaff	12 17 70
18	W. H. Howard	Services	30.
	W.H.T. Spencer	do	101
	E. Sephton	Shelving	27. 2
	Chippewa Hardware Co	Shelving Red lead Labor and materials Laying cable and making wire	2
	Emmett & w neeler	Labor and materials	3.
	Thos. B. Meeker W. H. Howard W. H. T. Spencer E. Sephton Chippewa Hardware Co Emmett & Wheeler E. P. Kinney		9
	W. W. Armstrong Geo. Beesley The Van Bibber Roller Co The Friedenwald Co	Gaspipe	3
	Geo. Beesley	Papering and painting	9
	The Van Bibber Roller Co	Casting rollers	4
	The Friedenwald Co	Tissue paper	32
	F.S. Hartwell	Welsbach droplight	4
	McGilmann & Butler	window shades	3
	The Friedenwald Color F. S. Hartwell Dent & Butler McGilvery & Boston Yates & Co Hager Bros. Co., Limited Wolfe & Co. E. L. Davant	Gaspipe Papering and painting Casting rollers Tissue paper Welsbach droplight Window shades do Benzine	3
	Hagar Bros Co Limited	Benzine	1
	Wolfo & Co.	Mirror Repairing furniture Repairing typewriter Labor and material do Erecting storm tower	1
	E I. Davant	Repairing turniture	21 5
	A. B. Pittman Geo. G. Palmer E. B. Henderson	Tabor and material	3
	Δ R Pittman	do	4
	Geo G Palmer	Freeting storm tower	49
	E B Henderson	do	275
	Wm. H. Butler	do	40
	A. H. Freeman	do	90
	W. H. Feldmeyer	do	35
	Quigg & Penfield	do	40
	Wm. R. Hallam	do	54
	E. B. Henderson Wm. H. Butler A. H. Freeman W. H. Feldmæyer Quigg & Penfield Wm. R. Hallam Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegraph services	15
	Chesterfield Telephone and Telegraph Co- The Central District and Printing Tele-		7.
	The Central District and Printing Tele-	do	6
	graph Co.	3	
	Convelle and Featons D. D. C.	,do	2 2 2
	Chicago Ruglington and Onings D. D. C.	do	2
	graph Co. Rising Sun Telegraph Line Corvallis and Eastern R. R. Co Chicago, Burlington and Quincy R. R. Co. Dut-in-Bay Telegraph Co Minneapolis, St. Paul and Sault Ste. Marie Rwy Co		2
	Minneapolic St Paul and Soult 344 Minnea	do	9.
		do	y

Date.	Name.	Nature of payment.	Total.
1900.			
Dec. 18	The Kelly Island and Sandusky Cable Co H. E. Wadsworth	Telegraph services	\$9.30
	H. E. Wadsworth	do	41.80
	Alabama and Georgia Long Distance Tel-	Telephone service	23.90
	ephone Co. Ohio River Telephone Line Eastern Telephone Line Southwestern Telegraph and Telephone	do	5.40
	Eastern Telephone Line	Telephone rent	3.00
	Co.	Telephone rent	3.00
	Patterson Transfer Co	Hauling/_	1.00
	Patterson Transfer Co	Hauling/. Passenger transportation	8.60
	Co. Cleveland, Cincinnati, Chicago and St.	do	
	Louis Rwy. Co.		AA. 00
	Louis Rwy. Co. St. Louis and San Francisco R. R. Co	do	
	Savannah, Florida and Western Rwy. Co.	do	10.50
	F. H. Brandenburg	Office expenses	2 95
	W.T.Turbeville.	Servicesdo Traveling expenses	1.00
	Chas E Smith	Services	10.00 100.00
	M. J. Wright, jr	Traveling expenses	28.45
	Patck. F. Lyons	do Substation salaries Office rent	21.58
	Pay Poll, Galveston, Tex	Office rent	100.00
19	Savannah, Florida and Western Rwy. Co Seaboard Air Line Rwy. Co F. H. Brandenburg W. T. Turbeville. Carl S. Weatherwax Chas. E. Smith M. J. Wright, ir Patck. F. Lyons. Pay roll, Galveston, Tex. E. S. Levy. Jas. F. Woodworth J. A. Barnes.	Erecting storm tower	50.00
	J. A. Barnes	Coal	112.50
	J. A. Barnes. B. P. Clapp Ammonia Co. Houghton & Delano M. G. Copeland J. Baumgarten & Sons R. B. Clarke Co. J. C. Entwistle.	Coal Anhydrous ammonia Supplies	50.00 112.50 13.50 4.98
	M. G. Copeland	Pennants	3.90
	J. Baumgarten & Sons	Pennants Rubber stamps Millinet	8.95
	R. B. Clarke Co	Millinet	.87 7.50
	R. C. Ballantyne	Engraving Waste basket Sill plates, etc Recoating plates	16 12
	Flint & Walling Manufacturing Co	Sill plates, etc	5.40
	Hoke Engraving Plate Co	Recoating plates	5. 40 77. 25 37. 50
	do	do	87.50
	Fint & Walling Manufacturing Co	do	87.50 33.40 42.67
	do A. E. Drinkwater American Type Founders' Co. Chas. E. Johnson Co. Universal Supply Co. Barnhart Bros. & Spindler do J. W. Holmes Alfred Smith Bendernagle & Co. Union Photo Engraving Co. G. F. O. Marklins F. M. McKeough Santa Fe, Prescot and Phoenix Rwy. Co.	Repairs to telegraph lines	42.67 5.00
	American Type Founders' Co	Steel gauge pins.	6.84
	Chas. E. Johnson Co.	Steel gauge pins Lithographic ink Printing	75.00 110.00
	Barnhart Bros. & Spindler	Type	1.69
	do	Typedo	1.69 25.73
	J. W. Holmes	Repairing telegraph lines	3.00 7.00
	Bendernagle & Co	Repairing telegraph lines Cordwood Recasting rollers	1.50
	Union Photo Engraving Co	Tone plates	18, 90
	G. F. O. Marklins	Removing wire cable Recasting rollers, etc Passenger transportation	5.00
	Santa Fe, Prescot and Phoenix Rwy, Co	Passenger transportation	4.00 73.00
	The Manistee and North Eastern R.R.Co.	do	1.61 28.30 .20 278.31
	W. G. Burns	Traveling expenses	28. 30
	dodo	do	278.31
20	F. M. McKeough Santa Fe, Prescot and Phoenix Rwy. Co. The Manistee and North Eastern R. R. Co. W. G. Burns Postal Telegraph Cable Co	Tassenger transportation do Traveling expenses Telegraph service do Traveling expenses do do	13.60
	Norman B. Conger	do	4.50 6.50
	do H. McP. Baldwin. C. P. Cronk Chesapeake and Ohio Rwy. Co Lake Shore and Michigan Southern Rwy. Co Louisville and Nashville R. R. Co Pennsylvania Co Pittsburg, Cincinnati, Chicago and St. Louis	do	6.40 8.25
	C. P. Cronk	Office expenses	8.25
	Lake Shore and Michigan Southern Rwy Co	do	39. 20 11. 00
	Louisville and Nashville R. R. Co	do	12.40 17.50
	Pennsylvania Co	do	17.50 21.10
	Pittsburg, Cincinnati, Chicago and St. Louis		21.10
	Wabash R. R. Co	Transportation	. 56
	Steamer Lafourche	do	.50 3.23
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Wabash R. R. Co Steamer Lafourche Virginia and Truckee R. R. Co. Lower coasts packets Missouri Pacific Rwy. Co. Vandalia Line New Bedford. Marthas Vineyard and Nantucket Steamboat Co.	do	50
	Missouri Pacific Rwy. Co.	do	. 86
	Vandalia Line	do	. 37 1. 86
	tucket Steamboat Co.	uo	
31	tucket Steamboat Co. W. F. R. Phillips et al B. F. Larcombe et al	Salaries	277.90
	B. F. Larcombe et al	do	2,747.95
	Total second quarter		76, 884.16
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Date.	Name.	Nature of payment.	Total.
1901.			
in. 3	Michael O'Leary	Sand Furniture	\$1. 48.
	W.B. Moses & Sons	Furniture	48.
	Coo F Winth & Co	Oil	93.
	W. B. Moses & Sons do Geo. F. Muth & Co. S. P. Johnson R. C. Ballantyne Jas. B. Lambie	do Oil Typewriter Paper Beit lacing Brass rods, etc Oil Tacks Passenger transportation	60
	P. C. Pollentypo	Panar	69. 53.
	Inc R Lembia	Relt lacing	56.
	dodo	Brass rods etc	5.
	M. Du Perow Louis Hartig Southern Rwy. Co United States Express Co	Oil	3.
	Louis Hartig	Tacks	4
	Southern Rwy. Co	Passenger transportation Transportation do	4. 74.
	United States Express Co	Transportation	53.
	do	do	28.
	60	do	20.
	Norfolk and Southern R. R. Co	dodo	2.
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	2.
	Louis Rwy. Co.		
	Burlington and Missouri River R. R. in	do	16.
	Nebraska.		
	Richmond, Fredericksburg and Potomac	Transportation	
	R. R. Co.		
	Pennsylvania R. R. Co	do	
	Harry Overstreet: Star Union Line	do	
	Star Union Line	do	
	do Delaware Lackawanna and Western R. R. Flint & Walling Manufacturing Co. Henry J. Green	Dt	
4	Delaware, Lackawanna and Western K. K.	Passenger transportation	4.
	Flint & Walling Manufacturing Co Henry J. Green Merrill Stevens Engraving Co Frank Golart, jr Wm. Roche C. C. Fagan The Muzzy-Lyon Co Chas. Cummings Yates & Co Wm. Prufrock F. L. Ewing Weston Electrical Instrument Co	Steel Signal towers	256
	Manyill Starong Engraving Co	Services	1. 14. 3.
	Event Colert in	do	14.
	Wm Pocho	Navy colle	14.
	C C Foren	Evecting storm tower	90
	The Muzzy-Lyon Co	Renairs to scroll-saw holt	28. 1.
	Chas Cummings	Sarvicas	6.
	Vates & Co	Oil	1
	Wm Prufrock	Renairing instrument stand	1. 7. 29.
	F L Ewing	Renovating office	29
	Weston Electrical Instrument Co	Repairing instrument stand. Renovating office Weston relay Insulators, etc. Painting instrument shelters	25.
	Fred. M. Locke	Insulators, etc.	7. 25. 1.
	E. F. Sanguinette	Painting instrument shelters	25
	L. H. Kurtz	Sash cord	1.
	Thos, J. Tillett.	Oil	3.
	Jno. Cooper	Cleaning carpet, etc	6.
	Claude L. Friel	Printing climate report, etc	11.
	Wm. D. Lewis	Erecting storm tower	35.
	W. E. Robinson	do	40.
	W. M. Hinson	Gasoline	1.
	Emil Tietgen	Erection of storm tower	65.
	Hibben-Hill Boller Works	Domains to all all	68.
5	Albort Prond	Repairs to clock	29.
9	I C Diener	Office expenses	29.
	C.P. Cronk	do	61.
	J P Fallihee	do	01.
	H. K. Holcomb	do -	2
	Jas. Kenealy	Traveling expenses	3
	F. L. Ewing Weston Electrical Instrument Co- Fred. M. Locke E. F. Sanguinette L. H. Kurtz Thos. J. Tillett Jno. Cooper Claude L. Friel Wm. D. Lewis W. E. Robinson W. M. Hinson Emil Tietgen Hibben-Hill Boiler Works D. B. Bancroft Albert Brand J. C. Piercy C. P. Cronk J. P. Fallihee H. K. Holcomb Jas. Kenealy W. T. Blythe H. C. Bate H. B. Boyer R. A. Fessenden do M. E. Blystone Jno. J. Games Chas. A. Blummer J. W. Branan Barnhart Bros. & Spindler E. S. Beardsley Chas. A. Kimball C. B. Brown & Co C. H. Turner Jno. C. Castor	do	10.
	H. C. Bate	do	3
	H. B. Bover	do	5
	R. A. Fessenden	do	21 21
	do	do	9 7 5
	M. E. Blystone	do	7
	Jno. J. Games	do	5
	Chas. A. Blummer	Services	15
	J. W. Branan	do	15 15
	Barnhart Bros. & Spindler	Supplies	4
	E.S. Beardsley	Ink, etc	3
	Chas. A. Kimball	Erecting storm warning signals.	70.
	C. B. Brown & Co	Copper wire	5.
	C. H. Turner	Gas stove	4
	Jno. C. Castor	Services	15.
	C.B. Brown & Co. C.H. Turner Jno. C. Castor Frank Golart, jr Western Union Telegraph Co. The Bell Telephone Co. of Buffalo, N. Y. Telegraph Co. of South Jersey. The Southwestern Telegraph and Telephone Co.	Erecting storm warning signals. Copper wire Gas stove Services Repairing telegraph lines do Telephone rent	2.
	Western Union Telegraph Co	do	4
	Tolograph Co. of Courth Tonger	relepnone rent	12
	The Couthwestern The Couth Jersey	do	5
	The Southwestern Telegraph and Tele-	ao	9
	phone Co.	da	
	Pennsyl vania Telephone Co La Crosse Telephone Co Wisconsin Telephone Co	00	20.
	La Crosse Telephone Co	ao	7 3

ate.	Name.	Nature of payment.	Tota
901.			
n. 5	The Pacific States Telephone and Tele-	Telephone service	\$3
	graph Co.	a -	
	Southern Bell Telephone and Telegraph Co	do	3
	Lynchburg Telephone Co. The South New England Telephone Co. Ontario Telephone Co. The Empire State Telephone and Telephone Telephone Co.	do	3 27 7
	Ontario Telephone Co	dodo	7
- 3	The Empire State Telephone and Tele-	do	15
)	graph Co.	a. '	90
	graph College State Telephone and Telegraph College Telephone Co. of Philadelphia The Northwestern Telephone Exchange	do	30
	The Northwestern Telephone Exchange	do	10
	South Beit Teiephone and Teiegraph Co- The Northwestern Teiephone Exchange Co. Sunset Teiephone and Teiegraph Co. Pay roll. Sandusky, Ohio. Pay roll. Alpena, Mich Pay roll. New Haven, Conn Pay roll. New Haven, Conn Pay roll. Philadelphia, Pa Boston and Albany R. R. Co. Baltimore and Ohio B. R. Co. Michigan Central R. R. Co. Chicago Auditorium Association. Prudential Building Co. Guarantee Building Co. Guarantee Building Co. The Citizens' Bank of Norfolk Ella W. Daniels. E. J. Davenport. E. P. Jones. A. J. Knight. E. H. Jamieson A. C. Rackliffe Walla Walla Lodge, No. 56, I. O. O. F. Syree & Wilkins, agents Dent & Butler Conrad National Bank R. McLaughlin The Indianapolis Gas Co. The Farmers' National Bank of Fresno. Elizabeth L. Renoe Mary C. Pratt et al Ulysses G. Myers C. M. Beeson Maggie French Geo. L. Lovett Benj. M. Jacobs Wm. Pollman B. D. Johnson Warfield & Dann Mill Valley and Mount Tamalpais Scenic Rey, H. H. Taylor, agent.		
	Sunset Telephone and Telegraph Co	do	(
	Pay roll, Sandusky, Ohio	Substation salaries	37 49
	Pay roll New Haven Conn	do	48
	Pay roll, Philadelphia, Pa	do	69
	Boston and Albany R. R. Co	Passenger transportation	9
	Baltimore and Ohio R. R. Co	do	38
- 0	Michigan Central R. R. Co	do	150
	Unicago Auditorium Association	Office rent	450 89 44
	Guarantee Building Co	do	44
- 9	The Citizens' Bank of Norfolk	do	131
	Ella W. Daniels	do	87
	E. J. Davenport	do	100
	E. P. Jones	do	2
	E. H. Jamieson	do	82 135
	A. C. Rackliffe	do	78
	Walla Walla Lodge, No. 56, I. O. O. F	do	84
	Syree & Wilkins, agents	do	67
	Dent & Butler	do	103 6
	P MeL angklin	do	150
	The Indianapolis Gas Co	do	150 250 118
	The Farmers' National Bank of Fresno	do	118
	Elizabeth L. Renoe	do	100
	Mary C. Pratt et al.	do	98
	C M Basson	do	178 88
	Maggie French	do	59
	Geo. L. Lovett	do	59 108 30
	Benj. M Jacobs	do	30
	W m. Pollman	do	87
7	Warfield & Dann	do	68 78 108
i l	Mill Valley and Mount Tamalpais Scenic	do	103
	Rwy.		
	H. H. Taylor, agent	do	322
	Coo Edwd Shaw	do	322 87 70
	Mill Valley and Mount Tamalpais Scenic Rwy. H. H. Taylor, agent Columbia Building Co Geo. Edwd. Shaw Jas. L. Connell H. Overholzer Pacific Club Orson Adams, jr Ray G. Lewis Lorenzo Littlefield Real Estate and Law Building Co E. S. Huges & Co T. M. Jeffres & Co Sam B. and Anne E. Hicks O. J. Maris T. B. Catron Peter Sonna Jno. E. Dooley H. Wollenberg, administrator The Gamble-Desmond A. W. Kennie F. E. Warren Mercantile Co School District, Fort Smith, Ark Bunce & Hams Edgar Harding D. Horton Rocky Mountain Bell Telephone Co	do	118
	H. Overholzer	do	118 127 67
	Pacific Club	do	67
	Orson Adams, jr	do	121
	Lorenzo Littlefield	do	64
	Real Estate and Law Building Co	do	49
	E. S. Huges & Co	do	106 100 120
	T. M. Jeffres & Co.	do	100
	Sam B. and Anne E. Hicks	do	120
	U. J. Maris	00	67 103
	Peter Sonna	do	120
	Jno. E. Dooley	do	150
	H. Wollenberg, administrator	do	77 100 42
	The Gamble-Desmond	do	100
	A. W. Kennie	do	100
	School District Fort Smith Ark	oo	20
	Bunce & Jiams	do.	129 20 90
	Edgar Harding	do	87
	D. Horton	do	87 120
		do Telephone rent Telephone service Telephone rent	10
	The International Malanham and Mala	Telephone service	8
	The International Telephone and Telegraph Co.	Telephone rent	9
		Telephone service	

Date.	Name.	Nature of payment.	Total
1901. n. 7			
n. 7	Southwestern Telegraph and Telephone Co Michigan Telephone Co	Telephone rent	\$15.
	Michigan Telephone Co	do	6.
	Citizons' Tolophone Co	do	2.
	Pacific States Telephone and Telegraph Co.	Telephone service	25.
	The Bell Telephone Co., of Buffalo	do	9.
	Missouri and Kansas Telephone Co	do	18. 3. 6.
	Dodge City Telephone Co	do	3.
	Missouri and Kansas Tolonhone Co	do	3.
	Amelia McLean	Printing bulletins	36.
	Jacob Weltmer	Printing bulletins Office supplies Washing towels	6.
	C. W. Byrnes	Washing towels	3.
	Amelia McLean M. J. Greer The J. F. W. Dorman Co Eagle Ironworks Alabama Iron Works Barnhart Bros. & Spindler Hannibal and St. Joseph R. R. Co Hoke Engraving Plate Co American Type Founders Co W. H. Adams Ira W. Appleton Portage Lake Hardware Co., Limited Jas. Hanter Geo. Draper Seligman Bros do Simon Nusbaum, postmaster	do do do Clasps Erecting storm tower do Type Passenger transportation Recoating plates Supplies for printing office Repairing telegraph lines do Snow shovels, etc Dravage	3.
	The I F W Dorman Co	Claene	1. ,17. 71.
	Eagle Ironworks	Erecting storm tower	71
	Alabama Iron Works	do	212. 7. 8.
	Barnhart Bros. & Spindler	Type	7.
	Hannibal and St. Joseph R. R. Co	Passenger transportation	8.
	American Type Founders Co	Supplies for printing office	62 17
-	W. H. Adams	Renairing telegraph lines	2
	Ira W. Appleton	do	2 2 1
	Portage Lake Hardware Co., Limited	Snow shovels, etc	1
	Jas. Hunter	Drayage Oil Window shades Carpet	2 8 17
	Seligman Bros	Window shades	17
	do	Carpet	80
	Simon Nusbaum, postmaster Rosenthal & Rubin Thos. E. Hines George Meier & Co	Rent of post-office box	80 1
	Rosenthal & Rubin		5
	Thos. E. Hines	Picture molding Coal, wood, oil Gum arabic Services do Remodeling map frames Shelving Cleaning clock Moving office	56 2
	A R Dittmen	Sorvings	10
	A. B. Pittman Jas. Gibbons	do	8
	A L. t)chorn	Remodeling map frames	6
	J. H. Myers	Shelving	6 18
	J. H. Myers W. M. McConahay E. W. Christensen	Cleaning clock	2 15
		Moving omce	10. 3.
	Union Ice Co	do	18
	Tampa Electric Co	Electric light	5.
	Union Ice Co Tampa Electric Co San Antonio Gas and Electric Co Menomonee Electric Light, Railway and	Ice do Electric light. Electric current	6.
	Menomonee Electric Light, Railway and	Electric light	3.
	Power Co. Ashland Light, Power and Street Rail-	do	5.
	way Co.		0.
	Indianapolis Light and Power Co	Electric power	18.
	E. A. Born A. Hamacek	Electric power Electricity Electric light Lamps and droplight Telegraph service Cleaning weather maps do Office averages	6. 5.
	A. Hamacek	Electric light	7
9	E. A. Hughes Western Union Telegraph Co Richd. A. Shaw	Telegraph service	13,540
11	Richd. A. Shaw	Cleaning weather maps	5.
	Martha Carter	do	5. 5.
	Wm. B. Stockman	Office expenses	46.
16	Wm. B. Stockman Geo. Cumberland. Walter Scott & Co Barnhart Bros. & Spindler Chas. E. Motley Banner Laundering Co The American Toilet Supply Co M. A. Graham	do Office expenses Dressing gaff of signal mast, etc Repairing lithographic press Brass rule Support for lanterns Washing towels do do	15. 64.
10	Barnhart Bros. & Spindler	Brass rule	26. 2. 6. 2.
	Chas. E. Motley.	Support for lanterns	2.
1	Banner Laundering Co	Washing towels	6.
	The American Toilet Supply Co	do	2
	Mary Fantlarov	do	1.
	R. C. Warinner	do	3.
	P. C. Shaw	Clean towel supply	6.
	Baltimore Towel Supply Co.	Washing towels	2. 3.
	The Woodford Tolonhams Co	Tolophono gopyico	3.
	New England Telephone and Telegraph Co	do	5. 9.
	Central Union Telephone Co	do	411
	Pacific States Telephone and Telegraph Co.	do	22.
	do	do	22. 7. 21.
	Interestate Telephone and Telephone Co.	do	21.
	Central Union Telephone Co	do	4. 10. 34.
	The American Toilet Supply Co M. A. Graham Mary Fantleroy R. C. Warinner P. C. Shaw Baltimore Towel Supply Co J. F. Beck The Woodford Telephone Co New England Telephone and Telegraph Co Central Union Telephone and Telegraph Co do Black Hills Telegraph and Telephone Co Interstate Telephone and Telegraph Co Central Union Telephone Co Central Union Telephone Co The Central District and Printing Telegraph Co.	do	34.
	graph Co.		
	The Colorado Telephone Co Chicago Telephone Co	do	13. 57.

Date.	Name.	Nature of payment.	Total.
1901.			
an. 16	Delaware and Atlantic Telegraph and Telephone Co.	Telephone service	\$12.
	New York and Pennsylvania Telegraph and Telephone Co.	do	21.
	Cumberland Telephone and Telegraph Co.	do	10.
	do	do	30. 12.
	do The City and Surburban Telegraph Co Southwestern Telegraph and Telephone Co.		21. 9.
	New York Telephone Co	do	60.
	New York Telephone Co Southern States Telephone Co Southern Bell Telephone and Telegraph Co. do do do Iowa Telephone Co Columbia Telephone Co Michigan Telephone Co Michigan Telephone Co do F. L. Keating Jno. Semer Margt Parmentier Union Trust Building Co., Limited do Henry Bolton C. L. McLaury et al Jno G. Brown Adam Geiger B. S. Williams do W. D. Grant Portland Trust Co. of Oregon J. L. Manning American Surety Co C. Wiser American Surety Co C. Wiser	dodo	7. 20.
	do do	do	13. 15
	do	do	15. 4.
	Columbia Telephone Co	do	36. 10.
	Michigan Telephone Co	do	34. 4.
	F. L. Keating	Office rent	90.
	Jno. Semer Margt, Parmentier	do	114. 75.
	Union Trust Building Co., Limited	do	55.
	Henry Bolton	do	229. 52.
	C. L. McLaury et al.	do	69.
	Adam Geiger	do	75. 37.
	B. S. Williams	do	26. 24.
	W. D. Grant	do	225.
	J.L. Manning	do	210. 59.
	American Surety Co	Carriage for typewriter	625. 5.
	American Sufey Co C. Wiser American Typefounders Co Hoke Engraving Plate Co Bell Chalk Plate Co Chas, E. Johnson Co	Carriage for typewriter Leads	15.
	Hoke Engraving Plate Co Bell Chalk Plate Co	Supplies	15. 9.
	Chas. E. Johnson Co	Lithographic ink	9. 17.
	C. S. Braisted Chas. E. Johnson Co	Recoating plates Lithographic ink Pencils, etc Lithographic ink	123. 37.
	Schneider Bros	Repairs to thermometers	30. 373.
	Chas. C. Johnson Co. Schneider Bros. Julien P. Freiz. The Chesapeake Electric Co. Davis Hunt & Co. The J. M. Carpenter Tap and Die Co. Weston Electrial Instrument Co. Los Huntor.	Copper wire Pulley block Supplies	10
	The J. M. Carpenter Tap and Die Co	Supplies	16,
	Weston Electrial Instrument Co	Ropairs to building	2. 16, 50. 30.
	Sprague Electric Co	do Repairs to building Electric motor Electric lights	00.
	The Kenosha Gas and Electric Co Washburn Electric Light and Power Co	Electric lights	5. 4.
	Georgetown Electric Co	do	2. 6.
	Grand Haven City Electric Light Co	do	3.
	United Electric Light Power Co	Electricity	24. 4.
	Weston Electrial Instrument Co. Jas. Hunter Sprague Electric Co The Kenosha Gas and Electric Co. Washburn Electric Light and Power Co. Georgetown Electric Co. Marias Lumber Co. Grand Haven City Electric Light Co. United Electric Light Power Co. P. H. Cheney & Son H. L. Pittock Charleston Consol. Rwy. Gas and Electric Co.	Electric currentdo	18. 3.
	Vicksburg R. R. Power and Manufactur-	do	9.
	The Portland Gas Co	Gas	7. 13.
	Ing Co. Ludington Electric Light and Power Co. The Portland Gas Co. Buffalo Gas Co. Mill Valley, Mount Tamalpais Scenic Rwy. Co.	Cleaning office	8. 15.
		Office expenses	3.
	R. A. Fessenden	do	15. 2. 15.
	Eliz. L. Renoe C. E. Hesse R. A. Fessenden A. H. Thiessen G. H. Willson Alex G. McAdie E. A. Nimmo D. C. Grunow Geo. Reeder Eliz. L. Renoe Pay roll, Harrisburg, Pa Pay roll, Norfolk, Va	do	15.
	Alex G. McAdie	do	2.
	E. A. Nimmo. D. C. Grunow	do	1.
	Geo. Reeder	do	1.
	Eliz. D. Relioe	u0	42.

Date.	Name.	Nature of payment.	Total
1901.	C. T. Dagwell Jno. T. Myers Kate O'Toole E. M. Minehart S. W. Glenn Jno. D. Blagden A. H. Thiessen W. M. Fulton H. E. Hobbs E. H. Emery Conrad E. Hesse Zetta Higgins G. F. Lozier E. J. Kelliher W. T. Tubeville Jno. S. Barney Mary E. Shelden H. Ger W. Styron M. E. Conway Tacoma Chamber of Commerce and Board of Trade.		
fan. 16	C. T. Dagwell	Services	\$58.
	Jno. T. Myers	do	15.
	Kate O'Toole	do	4.
	E. M. Minenart	Traveling expenses	3.
	S. W. Glenn		6.
	Jno. D. Blaggen	00	30. 9.
	A. H. Thiessen	do	9.
	W.M.Fulloll	do	15.
	F U Emour	do	7. 2.
	Conned F Hosse	do	e.
17	Zotta Higgins	Services	30
1.	G F Lozier	do	6. 30. 12.
	E.J. Kelliher	do	15.
	W. T. Tubeville	do	15.
	Jno. S. Barney	do	49.
	Mary E. Shelden	Office rent	93
	Homer W. Styron	do	38. 37. 60.
	M. E. Conway	do	37.
	Tacoma Chamber of Commerce and Board	do	60.
	of Trade.		
	Pay roll, Pensacola, Fla	Substations, salaries	36.
	Pay roll, Charleston, S. C	do	67.
	Pay roll, Tampa, Fla	00	004
	Tacoma Chamber of Commerce and Board of Trade. Pay roll, Pensacola, Fla Pay roll, Charleston, S. C Pay roll, Tampa, Fla Pay roll, Buffalo, N Y Pay roll, Buffalo, N Y Pay roll, Buffalo, N Y Pay roll, Seltimore, Md Pay roll, New York, N, Y Pay roll, Cleveland, Ohio Pay roll, Cleveland, Ohio Pay roll, Baltimore, Md Michael O 'Leary. Mackall Bros W. S. Jenks Geo. F. Muth & Co Thos. W. Smith National Electric Supply Co R. Carter Ballantyne Jno. C. Parker do	do	334.
	Pay roll Poltimore Md	do	101. 45.
	Pov roll Now York N V	do	38.
	Pay roll Claveland Ohio	do	76
	Pay roll Baltimore Md.	do	45.
	Michael O'Leary	Sand	1.
	Mackall Bros	Sodium hyposulphite	2.
	W.S.Jenks	Oil heaters	14.
	Geo. F. Muth & Co	White lead	1.
	Thos. W. Smith	Work on telegraph mast	40.
	National Electric Supply Co	Lamps, etc	6.
	R. Carter Ballantyne	Shipping tags	6. 5.
	Jno. C. Parker	Paper	15.
	do	Erasers	2,961.
	Union Typewriter and Supplies Co	Drawband, etc	2.
	The Mannier Lawre Engaging Co	Photo on opering	32.
	the maurice soyce Engraving Co	rnoto-engraving	∂ 11
	do	Electrotype plates	11. 28.
	do	Photo engraving plate	1.
	Jno. C. Parker do Union Typewriter and Supplies Co. Smith Premier Typewriter Co. The Maurice Joyce Engraving Co. do do do B. Moses & Sons do J. Baumgarten & Sons Broderick Bros	Shipping tags Paper Erasers Drawband. etc Platen and brush Photo-engravingdo Electrotype plates Photo engraving plate Furnituredo Rubber stamps	131.
	do	do	39.
	J. Baumgarten & Sons	Rubber stamps	
	Broderick Bros S. A. Potter	Rags	14
	S. A. Potter	Use of ground at Arlington	30.
	Standard Oil Co	Benzine	6.
	O. J. Maigne	Recasting rollers	17.
	Jas. B. Lambie	Grindstone	1.
	Clark & Davenport	do Rubber stamps Rags Use of ground at Arlington Benzine Recasting rollers Grindstone Making carpet, etc Flags	1. 74.
	M. G. Copeland	Flags	543.
	S. A. Potter Standard Oil Co O. J. Maigne. Jas. B. Lamble Clark & Davenport M. G. Copeland Ohio River Telephone Line Iowa Telephone Line Michigan Telephone Line do	Flags Telephone service Telephone rent	5. 13.
	Michigan Telephone Line	do de rent	
	do	Telephone souvioes	12
	C +1 D -11 M -1 1	Telephone rent	13 9 7, 18 16 2 2 2 2
	Southern Beil Telephone and Telegraph Co. R. L. Lewis The Bell Telephone Co. of Missouri Rising Sun Telegraph Line Corvallis & Eastern R. R. Co. Ocean Tow Boat Line: The Geo. W. Knox Express Co. O. J. Glenn	do Telephone services Telephone services do Telegraph service do do do bright Drayage Passenger transportation do do do	10
	The Bell Telephone Co of Missouri	do	18
	Rising Sun Telegraph Line	Telegraph service	20
	Corvallis & Eastern R. R. Co	do	2
	Ocean Tow Boat Line:	do	2
	The Geo. W. Knox Express Co	Freight	ĩ
	O. J. Glenn	Drayage	2
	Atlantic Coast Line R. R. Co	Passenger transportation	2 2
	Houston & Texas Central R. R. Co.	do	19.
	New Bedford, Marthas Vineyard & Nan-	cb	3
	tucket S. B. Co.		
	Oregon Short Line R. R. Co.	do	16
	Pere Marquette R. R. Co	do	5. 17.
	Southern Kwy, Co	do	17.
10	Adams Express Co	Transportation	. 80.
18	Log V Lomon & Sor	Repairs to clock	5.
	O. J. Glenn Atlantic Coast Line R. R. Co Houston & Texas Central R. R. Co New Bedford, Marthas Vineyard & Nan- tucket S. B. Co. Oregon Short Line R. R. Co. Pere Marquette R. R. Co. Southern Rwy. Co Adams Express Co E. A. Robertson Jas. K. Lemon & Son Flint & Walling Manufacturing Co W. F. Jones B. S. Partridge	Flogstoff	5. 22.
	W. F. Jones	Fragstall	22.
	11. I. JUHES	Liecting storm tower	95.

Date.	Name.	Nature of payment.	Total.
1901.	McCormick & Bates Peoples Gas Light and Coke Co E. F. Sanguinetti C. J. Oyler H. C. Hotfitter O. C. Johnson P. Minor F. L. Ewing Consumers' Ice Co. The Silver State Towel Supply Co. W. T. Hayden C. Ouvrard City Light and Power Commission Fxeelsior Electric Co Edison Sault Electric Co. Thos. W. Pemberton Board of Fire and Water Commissioners. Arizona Publishing Co. McEwen & Lanver Board of Public Works, Sault Ste. Marie C. B. Little Wm. E. Roney Michigan Telephone Co The Chesapeake and Potomac Telephone Co. Union Telephone Co East Tennessee Telephone and Telegraph Co Capital Telephone and Telegraph Co Cumberland Telephone and Telegraph Co. Luke & Smith Albert Marty Jas K. Porter Geo. M. Chappel J. M. Sherier R. M. Hardinge David Cuthbertson		
an. 18	McCormick & Bates Peoples Gas Light and Coke Co E. F. Sanguinetti	Hauling	\$0.8
	Peoples Gas Light and Coke Co	Gas	7.2
	E. F. Sanguinetti	Coal oil matches	8. (
	C. J. Oyler	Washing towels, etc.	4. 8
	O. C. Johnson	Wood and brooms	1.8
	P Minor	Ico	11.8 5.8 8.8 3.9 2.9
	F L Ewing	do	9.2
	Consumers' Ice Co.	do	3.9
	The Silver State Towel Supply Co	Towel service	2.2
	W. T. Hayden	do	3. (
	C. Ouvrard	Lamps	TMT. 6
	City Light and Power Commission	Electric lights	9, (
	Fxcelsior Electric Co	do	2. 4 24.
	Edison Sault Electric Co	00	24.
	Roard of Fire and Water Commissioners	do	ə. J
	Arizona Publishing Co	Printing monthly reports	5. 1 5. (63. (
	McEwen & Lanver	Wood	3.0
	Board of Public Works, Sault Ste. Marie	Water	3. 9 3. 8 11. 0
	C.B. Little	do	11.0
	Wm. E. Roney	Telephone rent	12. 0 6. 0 31. 5 5. 0 10. 5
	Michigan Telephone Co.	do	6, (
	The Chesapeake and Potomac Telephone Co.	do	31.
	Union Telephone Co	do	5, (
	Capital Telephone Co	do	10,
	Support Telephone and Telegraph Co	do	4.8
	Cumberland Telephone and Telegraph Co.	do	6, 8 21. 0
	The Colorado Telephone Co	do	22
	Luke & Smith	Rent of office	22. 5 75. (165. (
	Albert Marty	do	165. (
	Jas. K. Porter	do	150.0 15.5 8.5 1.3
	Geo. M. Chappel	Traveling expenses do Office expenses	15.5
	J. M. Sherier	do	8.2
	R. M. Hardinge	Office expenses	1.
	David Cuthbertson	do Substation salaries	90.
	Pay roll Shavenout Le	do	638.5 28.6
	Pay roll La Crossa Wis	do	63. (
	Geo. H. Orr	Services	12.4
21	Pay roll, Vicksburg, Miss	Services Substation salaries	12.4 73.5
	Flint and Walling Manufacturing Co	Signal tower, etc Repairing clock Brass rule Steel balls	49
	A. Salzman	Repairing clock	2.3
	Barnhart Bros. & Spindler	Brass rule	1.8
	A Lillyblado	Bookcases	45.
	Ioc G Riddle	Electric supplies	80.
	Nebraska Telephone Co	Telephone service. Telephone rent Office rent	80.0 14.0
	Cumberland Telephone and Telegraph Co.	Telephone rent	29.8
	Joseph Gassenhover	Office rent	29.8 90.0
	City of Palestine, Tex	do	78. 8 60. 0
	Kate F. Coke	do	60.0
99	Geo. M. Chapper J. M. Sherier R. M. Hardinge David Cuthbertson Pay roll, Boston, Mass. Pay roll, Shreveport, La Pay roll, La Crosse, Wis Geo. H. Orr Pay roll, Vicksburg, Miss Flint and Walling Manufacturing Co. A. Salzman Barnhart Bros. & Spindler American Bicycle Co. A. Lillyblade Jas. G. Biddle Nebraska Telephone Co. Cumberland Telephone and Telegraph Co. Joseph Gassenhover City of Palestine, Tex Kate F. Coke Chamber of Commerce Building Co. J. W. Bauer	do	93.
22	J. W. Bauer O. B. Hart Chas E. Linney Homer K. Plough Ed. Kendall Johnston Barrett Lizzie A. Chidester M. M. Laidley Thos. A. Boon Una V. Hendrix C. P. Disney N. W. Wagner Chas. P. Blachly Jas. Evans Pay roll, Cincinnati, Ohio Pay roll, Charleston, S. C. Pay roll, Portland, Oreg Pay roll, Raleigh, N. C Pay roll, Augusta, Ga Pay roll, Augusta, Ga Pay roll, Fort Smith, Ark Pay roll, Cairo, Ill The Marquette County Savings Co Estate of Isaac Eberly First National Bank of Morehead Northwestern Mutual Life Insurance Co-	do Office expenses Traveling expenses	9.
	Chas E Linney	do	32.
	Homer K Plough	Services	12
	Ed. Kendall	do	12. 4 24. 8
	Johnston Barrett	do	8 (
	Lizzie A. Chidester	do	9.0
	M. M. Laidley	do	21.
	Thos. A. Boon	do	9.0 21.0 30.0
	Una V. Hendrix	do	21. 21. 21.
	N. W. Wagner	do	21.
	Chae P Riachly	do	9.
	Jas. Evans	do	9.
	Pay roll, Cincinnati, Ohio	Substation salaries	9, 0 195, 1 18, 0
	Pay roll, Charleston, S. C.	do	18.
	Pay roll, Portland, Oreg	do	55.
	Pay roll, Raleigh, N. C.	do	66.
	Pay roll, Mobile, Ala	do	55. 66. 75.
	Pay roll, Augusta, Ga	do	42.0 39.0 131.5
	Pay roll, Fort Smith, Ark	do	39. (
	Pay roll, Cairo, Ill	Office went	131.
	Estate of Isaac Eherly	do do	81.2
	First Notional Don't of Manches	do	154. 66. 100.

ate.	Name.	Nature of payment.	Total
901.	•		
n. 22	Northwestern Mutual Life Insurance Co- American Linen Supply Co Nashville Laundry Co Nashville Gas Co New Orleans Gas Light Co Alpena Electric Light Co Cumberland Electric Light Co Cumberland Electric Light and Power Co Charlevoix Electric Light Plant The Electric Co E. A. Hughes Jas. L. Fulton Wm. McLaughlin Georgetown and Western R. R. Co Southern Bell Telephone and Telegraph Co The Northwestern Telephone and Telegraph Exchange Co. Hudson River Telephone Co Hudson River Telephone Co H. C. Hansen Christina Peterson Babbit, Wood & Co Morgan Iron Works Wm. G. Manter E. A. Brandes W. T. Crenshaw Geo. M. Hubenger Smith & Farwell Co Raleigh Electric Co E. G. Willyoung Statesmen Printing Co	Office rent	\$8.
	American Linen Supply Co	Office rent Towel service	3
	Nashville Laundry Co	do	1.
	Nashville Gas Co	Gas	11
	New Orleans Gas Light Co	Gas do Electric light do do	11 11 18
	Alpena Electric Light Co	Electric light	15 15
	Cumberland Electric Light and Power Co.	do	15
-	Charlevoix Electric Light Plant	do	4.
	The Electric Co	dodo	9
	E. A. Hughes	- <u>-</u> do	9
	Jas. L. Fulton	Drayage	1
	Wm. McLaughlin	- do - Passenger transportation	1
	Georgetown and Western R. R. Co	Passenger transportation	27
	Southern Bell Telephone and Telegraph Co	Rent of telephone	7
	The Northwestern Telephone and Tele-	do	9
	graph Exchange Co.		7.0
	Hudson River Telephone Co	Service	16
	Missouri and Kansas Telephone Co	Brass rule	30
	H. C. Hansen	Brass rule	5
	Christina Peterson	Drooms	1
	Morgan Iron Works	Brooms Erecting storm tower	60 75
	Wm G Menter	do	
	E A Brandes	Rangiring instrument shelter	100
	W T Cronchaw	Repairing instrument shelter Repairing typewriter Towel service Renovating carpet Electric current. Supplies for testing instruments	1 12 3
23	Geo M Hubenger	Towel service	2
20	Smith & Farwell Co	Renovating carnet	5.
	Ralaigh Electric Co	Electric current	4
	E G Willyoung	Supplies for testing instru-	4 82
	E. G. Willyoung	ments.	O.
	Statesmen Printing Co	Printing crop reports, etc	71
	Omaha Towel Co	Towel service	3
	Pacific States Telephone and Telegraph Co.	Telephone service	ĭ
	Nebraska Telephone Co	Telephone rent	$1\overline{5}$
	East Tennessee Telephone Co	do	9
	People's Telephone and Telegraph Co	do	9
	Wisconsin Telephone Co	Telephone service	18
	Statesmen Printing Co Omaha Towel Co Pacific States Telephone and Telegraph Co Nebraska Telephone Co East Tennessee Telephone Co People's Telephone and Telegraph Co Wisconsin Telephone Co Duluth Telephone Co Southern Bell Telephone and Telegraph Co do	Printing crop reports, etc. Towel service. Telephone service. Telephone rent. do do do do do do do	22
	Southern Bell Telephone and Telegraph Co	do	22 12
	do	do	17
		do	10
	The Northwestern Telephone and Tele- graph Exchange Co. Mobile and Ohio R. R. Co Pay roll, New Orleans, La Pay roll, Wilminton, N. C.	do	18
	graph Exchange Co.		
	Mobile and Ohio R. R. Co	Passenger transportation	9
	Pay roll, New Orleans, La	Passenger transportation Substation salaries	84 72
	Pay roll, Wilminton, N. C.	do	73
	Pay roll, Savannah, Ga	do	61
	Pay roll, Narragansett Pier, R. I	do	90
	Pay roll, Portland, Oreg	do	65
	Pay roll, New Orleans, La	do	63
	Jas. C. Morrell	Services	3
	D. C. Changer	Trovoling ormor	23
	D. C. Grunow	traveling expenses	23 6 28
	Ino D. Plandan	do	28
	H F Aldator	do	19
24	Pay roll, Wilminton. N. C. Pay roll, Savannah, Ga Pay roll, Narragansett Pier, R. I. Pay roll, Portland, Oreg Pay roll, New Orleans, La Jas. C. Morrell H. L. Holden D. C. Grunow C. W. Ling Jno. D. Blagden H. F. Alciator Fredk. Springmann do	do do Transportation do Services do	8 20
WI	do Marcus Sanchez L. Rogers	do	13
	Marons Sanchez	Sarvices	15
	I. Rogers	do	15 15
	R F Modicatt	do	30
	Amarillo Improvement Co	Office rent	30
	B. F. Modisett. Amarillo Improvement Co Society of Savings Bank and Insurance Building Co. Barnhart Bros. & Spindler	Office rent	30 285 100
	Bank and Insurance Building Co	do	100
	Barnhart Bros. & Spindler	Brass rule	2
	do	do Brass rule Supplies Type	2 2
	do American Type Founders' Co	Type	$\tilde{6}$
	do	dodo	3
	Southern Bell Telephone and Telegraph Co.	Telephone service	2
	Southwestern Telegraph and Telephone Co	Telephone rent	9
	East Tennessee Telephone Co	Telephone service	9
	do Southern Beil Telephone and Telegraph Co. Southwestern Telegraph and Telephone Co. East Tennessee Telephone Co. Meridian Telephone Co. Missouri and Kansas Telephone Co. Sunset Telephone and Telegraph Co. do Island Telephone and Telegraph Co. Raleigh Telephone Exchange New York and Pennsylvania, Telephone	do	6
	Missouri and Kansas Telephone Co-	do	9
	Sunset Telephone and Telegraph Co	do	6
	do	Telephone rent	15
	Island Telephone and Telegraph Co	do	18
	do Island Telephone and Telegraph Co Island Telephone Exchange New York and Pennsylvania Telephone and Telegraph Co. Cleveland Telephone Co	do	7
	New York and Pennsylvania Telephone	do	6

ate.	Name.	Nature of payment.	Total
901.		8	
n. 24	Geo. Meier Co	Lithographic varnish	\$6
	Union Typewriter and Supplies Co. Standard Gas and Electric Co. Electric Lighting Co. of Mobile Wagner Electric Manufacturing Co. Peninsular Electric Light and Power Co.	Roller for typewriter	9
	Standard Gas and Electric Co	Gas	12
	Electric Lighting Co. of Mobile	Rent of meter	
	Wagner Electric Manufacturing Co	Electric motor	80
	Peninsular Electric Light and Power Co	Rent of meter	6
	Peninsular Electric Light and Power Co Mutual Ice Delivery Co. T. B. Satter-White & Co. The Okonite Co., Limited Northern Pacific Rwy. Co. Black & Clark Henry Flair J. P. Nawrath Thos. S. Handley M. A. Adsitt Ed Ketchum	Rent of meter Icedodo Wire Passenger transportation Shelving Laying carpet Twine Instrument shelter Repairs to typewriter Moving office Services do	6
	T. B. Satter-White & Co	do	102
	The Okonite Co., Limited	Wire	102
	Northern Pacific Rwy, Co	Passenger transportation	5
	Black & Clark	Shelving	5
	Henry Fair	Laving carnet	4
25	J. P. Nawrath	Twine	79
	Thos. S. Handley	Instrument shelter	3
	M. A. Adsitt	Repairs to typewriter	ĭ
	Ed. Ketchum	Moving office	285
	Max Levy	Services	40
	F. J. Hart	do	10
	Badger State Printers Roller Co	Recasting rollers	40 10 3
	C.S. Clinton	Cleaning thermograph	1
	American Type Founders Co	Type, etc.	1 8 5
	Broadwater Pepiin Co	Desk rug	5
	Saml. J. Yarger.	Staple case	0
	Adams & Halpien	do Recasting rollers Cleaning thermograph Type, etc Desk rug Staple case Repairs to furniture Fracting rylor gayes	6
	N. B. Floyd	Erecting river gauge	12
	W. A. Ricard	Repairs to thermograph clock	12 4
	M. A. Adsitt Ed. Ketchum Max Levy F. J. Hart Badger State Printers Roller Co. C. S. Clinton American Type Founders Co. Broadwater Pepiin Co Saml. J. Yarger Adams & Halpien N. B. Floyd W. A. Ricard T. W. Ruete Bieg & Rood Thos. Butler Jno. Lang Joe Coley	Repairs to thermograph clock. Wood alcohol Ink Repairing telegraph line do do	1
	Rieg & Rood	Ink	1
	Thos Butler	Renairing telegraph line	4
	Ino Lang	do	
	Joe Coley H. A. Drinkwater Chas. W. Snow	do	5 3 43
			3
	Chas W Snow	Erecting storm tower	43
	Ed. B. Moore	Hauling	1
	E I. Page	Delivering mail	3
	H A Brosshard	do	. 3
	Danl W King		3
	Kentucky Laundry Co	Delivering mail	. 3 3 3 1
	W S Beldin	Office expenses	3
	E. C. Thompson	do	3
	W S Currier	do	$\frac{1}{2}$
	Geo E Grimes	do	ĩ
	G. N. Wilson	do	_
	Wm. Bell	do	3
	L. N. Jesunofsky	do	2
	A. E. Hackett	do	2 2 2
	W. S. Palmer	do	2
	J. H. Smith	do	13
	Oliver S. Fassig	do	1
	J. B. Marbury	do	3
	Fenton H. Duff	do	13 2
	Frank L. McClintic	do	2
	E. B. Richards	do	2 7 12
	H. A. Drinkwater Chas. W. Snow Ed. B. Moore Ed. L. Page H. A. Brosshard Danl. W. King Kentucky Laundry Co W. S. Beidin E. C. Thompson W. S. Beidin E. C. Thompson W. S. Currier Geo. E. Grimes G. N. Wilson Wm. Bell L. N. Jesunofsky A. E. Hackett W. S. Palmer J. H. Smith Oliver S. Fassig J. B. Marbury Fenton H. Duff Frank L. McClintic E. B. Richards J. P. Bolton W. M. Fultondo C. E. Hesse E. H. Emery Pay roll, Parkersburg, W. Va Pay roll, Little Rock, Arkdo Opay roll, Augusta, Ga Pay roll, Atlanta, Ga Pay roll, Montgomery, Ala Willis L. Moore Jas. B. Lambie do Opstal Telegraph Cable Co Souther Pay Co	do	12
	W. M. Fulton	Traveling expenses	30
	do	do	30
	C. E. Hesse	do	4
	E. H. Emery	do	2
	Pay roll, Parkersburg, W. Va	Substation, salaries	136
	Pay roll, Little Rock, Ark	do	9
	do	do	136 9 42
	Pay roll, St. Louis, Mo.	do	104
	Pay roll, Augusta, Ga	do	104 55 156
	Pay roll, Chattanooga, Tenn	do	156.
	Pay roll, Atlanta, Ga	do do do oli boards Candle wick Rolled copper, etc Trelegraph service Transportation Field class	156 100 108 19 51 2 92 269
00	Pay roll, Montgomery, Ala	do	108
26	Willis L. Moore	Traveling expenses	19.
29	Jno. C. Parker	Oil boards	51.
	Jas. B. Lambie	Candle wick	2.
	do Postal Telegraph Cable Co Southern Rwy. Co Franklin & Co Wm. P. Herbst M. G. Copeland & Co S. P. Johnson Brodevick Pros	Rolled copper, etc.	92.
	Postal Telegraph Cable Co	Telegraph service	269
	Southern Rwy. Co.		9.
	Franklin & Co	Field glass	54.
	Wm. P. Herbst	Bottles	3.
	M. G. Copeland & Co	Flags	143.
	S. P. Johnson	Caligraph	69. 14.
	Broderick Bros	Rags	14.
	Broderick Bros Standard Oil Co J. Edw. Turton W. B. Moses & Sons	Caligraph Rags Oil Instrument shelters Furniture	2, 340.

J. C. Entwistle Dulin & Martin Co Dulin & Martin Co The Maurice Joyce Engraving Co. Electrotype plates Salaries Bell M. F. Phillips et al. Bichigan Telephone Co. Northwestern Telephone Exchange Co. Sunset Telephone and Telegraph Co. Alabama and Georgia Long-Distance Telephone Services Ado Ado Hackson and Rich Square Telephone Co. Ado Ohio River Telephone Co. Bold Wight Telephone Co. Ado Ohio River R. R. Co. The Central District and Printing Telegraph Service. And Go. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ado Ohio River R. R. Co. Pay voll, San Francisco, Cal. E. M. Bowman Co. E. M. Bowman Co. E. M. Bowman Geo. S. Waite Bank of Tehama County Catherine Wilson J. F. Marck Geo. S. Waite Bank of Tehama County Catherine Wilson J. F. Marck J. F. Jackson J. F. Jackson Arbita water H. Brooker & Co. Pounsford Stationery Co. J. F. Jackson J. F. Jackson R. H. Vorpahl L. R. Willoughby W. H. H. Smith Jas. R. Hobb Jas. R. Hobb L. E. Hayes J. Jackson	Date.	Name.	Nature of payment.	Total
W. B. Moses & Sons	1901.			
J. C. Entwistle Dulin & Martin Co The Maurice Joyce Engraving Co. Electrotype plates 2 W F R. Philips et al. Electrotype plates 8 W F R. Philips et al. Electrotype plates 8 Northwestern Telephone Co. Co. Northwestern Telephone Co. Alabama and Georgia Long. Distance Telephone services 9 Alabama and Georgia Long. Distance Telephone Services 10 Alabama and Georgia Long. Distance Telephone Services 11 Alabama Ala		W. B. Moses & Sons	Furniture	\$53
8b. 1 B. F. Larcombe et al. Salaries B. F. Larcombe of Co. Sunset Telephone Development Co. Sunset Telephone and Telegraph Co. Alabama and Georgia Long-Distance Telephone Services Alabama and Georgia Long-Distance Telephone Co. G. W. Finch. G. G. W. Holmes G. G. W. Finch. G. G. W. Holmes G. G. W. G.			Engraving	7
8b. 1 B. F. Larcombe et al. Salaries B. F. Larcombe of Co. Sunset Telephone Development Co. Sunset Telephone and Telegraph Co. Alabama and Georgia Long-Distance Telephone Services Alabama and Georgia Long-Distance Telephone Co. G. W. Finch. G. G. W. Holmes G. G. W. Finch. G. G. W. Holmes G. G. W. G.		Dulin & Martin Co	Kettle	21
8b. 1 B. F. Larcombe et al. Salaries B. F. Larcombe of Co. Sunset Telephone Development Co. Sunset Telephone and Telegraph Co. Alabama and Georgia Long-Distance Telephone Services Alabama and Georgia Long-Distance Telephone Co. G. W. Finch. G. G. W. Holmes G. G. W. Finch. G. G. W. Holmes G. G. W. G.		The Maurice Joyce Engraving Co	Electrotype plates	21
Northwestern Telephone Exchange Co. Sunset Telephone and Telegraph Co. Alabama and Georgia Long-Distance Telephone Co. G. W. Finch. Barron County Telephone Co. Jackson and Rich Square Telephone Co. Ohio River Telephone Co. International Ocean Telegraph Co. International Ocean Telegraph Co. Ohio River R. R. Co. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ohio River R. R. Co. The Central District Co. Halling. Pranting California Truck Co. Halling. Pranting California Truck Co. Pennsylvania R. R. Co. Pennsylvania R. R. Co. Pennsylvania R. R. Co. Passenger transportation District California Truck Co. Halling. Pennsylvania R. R. Co. Passenger transportation District California Truck Co. Halling. Pennsylvania R. R. Co. Passenger transportation District California Truck Co. Printing bulletins. Printing bulletins. Reverse oil etc. Supplies Printing bulletins. Reverse oil etc. Supplies Painting supports. Reverse oil etc. Reverse oil etc. Supplies Painting supports. Reverse oil etc. Reverse oil etc. Supplies Painting supports. Reverse oil etc	31	W. F. R. Phillips et al.		284
Northwestern Telephone Exchange Co. Sunset Telephone and Telegraph Co. Alabama and Georgia Long-Distance Telephone Co. G. W. Finch. Barron County Telephone Co. Jackson and Rich Square Telephone Co. Ohio River Telephone Co. International Ocean Telegraph Co. International Ocean Telegraph Co. Ohio River R. R. Co. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ohio River R. R. Co. The Central District and Printing Telegraph Co. Ohio River R. R. Co. The Central District Co. Halling. Pranting California Truck Co. Halling. Pranting California Truck Co. Pennsylvania R. R. Co. Pennsylvania R. R. Co. Pennsylvania R. R. Co. Passenger transportation District California Truck Co. Halling. Pennsylvania R. R. Co. Passenger transportation District California Truck Co. Halling. Pennsylvania R. R. Co. Passenger transportation District California Truck Co. Printing bulletins. Printing bulletins. Reverse oil etc. Supplies Printing bulletins. Reverse oil etc. Supplies Painting supports. Reverse oil etc. Reverse oil etc. Supplies Painting supports. Reverse oil etc. Reverse oil etc. Supplies Painting supports. Reverse oil etc		B. F. Larcombe et al	do	2,829
G W Pinch	eb. 1	Michigan Telephone Co	Telephone rent	6
G W Pinch		Northwestern Telephone Exchange Co	do	18
G W, Finch		Sunset Telephone and Telegraph Co	Telephone services	15
G W Fineb		Alabama and Georgia Long-Distance Tele-	do	21
Pay roll, San Francisco, Cal. E. M. Bowman Câlifornia Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Bank of Tehama County Catherine Wilson J. F. Marck Union Typewriter and Supplies Co Henry J. Ledoux H. Brooker & Co Pounsford Stationery Co J. F. Jackson R. H. Vorpahl Casting roller L. F. Willoughby W. H. Renear W. H. Brooker W. H. H. Smith Jas. R. Hobb L. E. E. Hayes Mwish & Brand E. E. Hayes Wm. S. Hewitt Wish & Go Waish & Brand Walsh & Brand Walsh & Brand Walsh & Brand Services Wm. S. Hewitt Wolfe & Co C. H. Whaley Co C. H. Whaley Co C. C. G. Che Co C. Che		phone Co.		
Pay roll, San Francisco, Cal. E. M. Bowman Câlifornia Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Bank of Tehama County Catherine Wilson J. F. Marck Union Typewriter and Supplies Co Henry J. Ledoux H. Brooker & Co Pounsford Stationery Co J. F. Jackson R. H. Vorpahl Casting roller L. F. Willoughby W. H. Renear W. H. Brooker W. H. H. Smith Jas. R. Hobb L. E. E. Hayes Mwish & Brand E. E. Hayes Wm. S. Hewitt Wish & Go Waish & Brand Walsh & Brand Walsh & Brand Walsh & Brand Services Wm. S. Hewitt Wolfe & Co C. H. Whaley Co C. H. Whaley Co C. C. G. Che Co C. Che		G.W. Finch	do	6
Pay roll, San Francisco, Cal. E. M. Bowman Câilfornia Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Bank of Tehama County Catherine Wilson J. F. Marck Union Typewriter and Supplies Co Henry J. Ledoux H. Brooker & Co Pounsford Stationery Co J. F. Jackson R. H. Vorpahl L. F. Willoughby Casting roller L. F. Willoughby W. H. Renear W. H. B. Smith Jas. R. Hobb E. E. Hayes Addressograph Co Minsh & Brand Wm. S. Hewitt Wm. S. Hewitt Wm. S. Hewitt Wm. S. Hewitt Whaley Frank Golart, jr Frank Golart, jr G. G		Barron County Telephone Co	do	15
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		Jackson and Rich Square Telephone Co	do	30
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		W. H. Holmes	do	6
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		Ohio River Telephone Co	do	ā
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		Rocky Mountain Bell Telephone Co	do	12
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		Winton Telegraph Co.	Telegraph service	7
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		International Ocean Telegraph Co	do	129
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		Isle of Wight Telephone and Telegraph Co.	do	ð
Pay roll, San Francisco, Cal. E. M. Bowman California Truck Co Pennsylvania R. R. Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo, S. Waite Geo, Geo, Geo, Geo, Geo, Geo, Geo, Geo,		do	do	4
E. M. Bowman California Truck Co Pennsylvania R. R. Co H. L. Gilbert, county treasurer Geo. S. Waite Geo. S. Waite Geo. S. Waite Geo. Geo. Geo. Geo. Geo. Geo. Geo. Geo.		Ohio River R. R. Co	do	2
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	O. B. Hart	Office expenses Passenger transportation	6
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	A. A. Bolles Jas, A. Bryant	do	18
	L. Rogers Samuels Transfer and Storage Co. Michigan Central R. R. Co. Baltimore & Ohio R. R. Co. New York, New Haven and Hartford R. R.	Use horse and cart.	2
	Samuels Transfer and Storage Co	Drayage Passenger transportation do	
	Michigan Central R. R. Co	Passenger transportation	13
	Baltimore & Ohio R. R. Co	do	41
	New York, New Haven and Hartford R. R.	do	8
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	The Wabash R. R. Co	do	14
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. The Wabash R. R. Co. Chicago and Northwestern Rwy. Co. International and Great Northern R. R. Co.	do	18
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	R. W. Luttrell	Services	1/
	Jas. G. Biddle	Galvanometer mirrors	1
	F. O. Bailly & Co.	Galvanometer mirrors	
	Hollivan and Parker	Services	
	Jno. F. Magner	Repairs to telegraph line	
	Curphey & Mundy	Rain-gauge supports	
	Mittag & Volger	Carbon paper Coal Express charges, etc	9
	N. S. Magee & Co	U0al	14
	I C Stemp	Ronairing typowriter	
	Flint & Walling Manufacturing Co J. C. Stamp J. F. Utley Jno. S. Pinney American Type Founders Co. M. G. Coleman Norman A. Tedderly Oskamp, Nolling & Co J. S. Bettis W. W. Whyback J. O. Millham Frederick & Nelson, Inc Consolidated Electric Light Co. E. F. Ruff S. E. Fisher Chas, J. Dunn	Repairing typewriter	1
	Jno. S. Pinney	Supplies	1
	American Type Founders Co	Services Supplies Mahogany blocks, etc Cleaning clock River gauge Repairing clock Repairing river gauge do Oiling floors, etc. Letterpress stand	19
	M. G. Coleman	Cleaning clock	
	Norman A. Tedderly	River gauge	7
	Oskamp, Nolling & Co	Repairing clock	
	J. S. Bettis	kepairing river gauge	9
	W. W. Whyback	Oiling floors etc	2
	Frederick & Nolson Inc	Letterpress stand	10
	Consolidated Electric Light Co	Electric light	10
	E. F. Ruff	Washing towels	
	S. E. Fisher	Letterpress stand Electric light Washing towels Services do Recasting rollers	20
	Chas. J. Dunn	do	25
	Rendernagel & Co	Recasting rollers	
	Bingham & Runge	do	
	Bingham & Runge Thayer & Jackson Stationery Co East Florida Printing Co	do Binding charts Printing crop and climate	46
	East Florida Printing Co	Frinting crop and climate	42
	H A Sparling	report.	K.
	J M Sutton	do	. 25
	H. A. Sparling J. M. Sutton Robt. A. Williamson E. D. Beattie	do do do	45
	E. D. Beattie	do	36
	New England Telephone and Telegraph Co	Telephone rent	14
	Rocky Mountain Bell Telephone Co	Telephone service	54 37 48 36 14
	E. D. Beattle New England Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Columbia Telephone Co. Aurora and Friendship Telephone Line E. M. Uzzell Hoke Engraving Plate Co. do	Telephone rent.	E
	Aurora and Friendship Telephone Line	Telephone service	
	E. M. Uzzell	Casting rollers	5
		Reconting plates	62

ate.	Name.	Nature of payment.	Total.
901.	Hoke Engraving Plate Co American Type Founders Co. Stickley-Brandt Furniture Co. L. H. Murdock H. B. Boyer J. J. Killiher U. G. Purssell T. F. Townsend F. P. Chaffee T. S. Outram W. M. Wilson C. F. R. Wappenhaus S. W. Glenn L. M. Pindell Alfred H. Thiessendo L. M. Tarr N. M. Cunningham Jas. H. Scarr W. M. Fulton Pay roll, Portland, Me Frank Springmann Western Union Telegraph Co do L. H. Murdock Edw. P. Jones Jos. Sands A. H. Thiessen T. B. Jennings R. H. Dean Edw. A. Beals Geo. W. Felger Geo. M. Chappel L. G. Schultz R. A. Fessenden F. H. Clarke Wm. M. Dudley J. W. Smith S. S. Bassler Wayland Bailey Cumberland Telephone and Telegraph Co. Dakota Central Telephone Line Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. Jacksonville and St. Johns Bar Telegraph Co. J. Co. Jacksonville and St. Johns Bar Telegraph Co. J. Co. Jacksonville and St. Johns Bar Telegraph Co.		
b. 4	Hoke Engraving Plate Co	Stereotype metal	\$29.4
	American Type Founders Co	Logotype zeros, etc	6.6
	Stickley-Brandt Furniture Co	Repairs to furniture	4. 2
	L. H. Murdock	Office expenses	4.8
	H.B.Boyer	do	. 2
	J.J. Killiher	do	2.2
	U.G. Purssell	do	1.4
	T. F. Townsend	do	1.4
	F. P. Chaffee	00	3. 7 4. 2
	T. S. Outram	00	5.
	W. M. Wilson	00	4.2
	C. F. R. wappennaus	00	7.6
	S. W. Glenn	00 do	3.0
	L. M. Pindell	00	19. (
	Alfred H. Thiessen		19.0
	T M (T)	00	13. 9
	N. M. Tarr	Emonoling owners	11.5
	N.M. Cunningnam	Traveling expenses	4. 8 14. 1
	W M Enlan	do	14.1
	Pay nell Pontland Ma	Substation calarica	9. 4 75. 0
5	Frank Springmann	Transportation	10.5
5. 7.	Western Union Telegraph Co	Telegraph carriage	14 140
•	do de de la contra del la contra de la contra de la contra del la contra del la contra de la contra de la contra de la contra de la contra del la contra de la contra de la contra de la contra de la contra del la contra de la contra del la contra de la contra de la contra de la contra de la contra del la c	do	14, 149. 0 13, 660.
8	L. H. Murdock	Traveling expenses	10,000.8
0	Edw P Iones	do	10.0 33.7
	Jos Sands	do	10.7
	A H Thiessen	do	10.7 7.9 4.5 2.0
	T B Jennings	Office expenses	4 9
	R. H. Dean	do	2.0
	Edw. A. Beals	do	6.
	Geo. W. Felger	do	
	Geo. M. Channel	do '	1.3
	L. G. Schultz	do	3. 4
	R. A. Fessenden	do	29.
	F. H. Clarke	do	29. 4. 8
	Wm. M. Dudley	do	1.1
	J. W. Smith	do	4.2
	S. S. Bassler	do	1.5 2.2
	Wayland Bailey	do	2.2
	Cumberland Telephone and Telegraph Co.	Telegraph services	37.1
	Dakota Central Telephone Line	do	123.7
	Minneapolis, St. Paul and Sault Ste. Marie	do	37. 1 123. 7 10. 1
	Rwy. Co.		
	Jacksonville and St. Johns Bar Telegraph	do	9.2
	Co.	_	
	Ocean Towboat Line Philadelphia, Reading and Pottsville Telegraph Co.	do	4. (
	Philadelphia, Reading and Pottsville Tele-	do	21.4
	graph Co.		
	Enterprise Telegraph Co H. E. Wadsworth The Central District and Printing Tele-	ao	10.4
	H. E. Wadsworth	do	72.8 6.3
	The Central District and Printing Tele-	ao	6.7
	Nouth Montone Malanhana Ca	(D-1)	00.3
	Rell Telephone Co. of Proffels	Telephone services	23.]
	Utah and Pagifia P. P. Co.	do	2.2 3.2 8.0
	Washington County P. P. Co.	Pagangon tuong antation	3. 2
	St Louis and San Francisco P. D. Co	rassenger transportation	8.0
	Ponneylvania Co	do	9.1 17.3 6.0 12.3
	Onegon Chout Line D. D. Co		17.3
	Chicago Croot Western Por	00	0.0
	Duluth Couth Chara and Atlantic Pro-	00	12. 6
	Ann Anhon P. P. Co.		10.
	Fred Albright	Tran homan	3.7 2.0
	do	Use norse	2.0
	H.G. Hart	Services	4.0
	Seth I Davis	Lahor	8.0
	H. E. Wadsworth The Central District and Printing Telegraph Co. North Montana Telephone Co. Bell Telephone Co. of Buffalo. Utah and Pacific R. R. Co Washington County R. R. Co. St. Louis and San Francisco R. R. Co. Pennsylvania Co. Oregon Short Line R. R. Co. Chicago Great Western Rwy. Co. Duluth, South Shore and Atlantic Rwy. Co. Ann Arbor R. R. Co. Fred Albright do H. G. Hart Seth I. Davis Geo. Meier & Co. Keystone Type Foundry Walter Scott & Co. Kansas City and Southern Lumber Co. Wm. Canfield Standard Oil Co. R. C. Francis.	Rubber blankets	40.0
	Keystone Tyne Foundry	Tweezers	1.0
	Walter Scott & Co	Rubbers printing office	1.7 2.1 10.0
	Kansas City and Southern Lumber Co	Instrument chalters	10.0
	Wm. Canfield	Renovating carnete	10.0
	Standard Oil Co	Oil etc	11 1
	R. C. Francis	Painting	9 :
	Niel Ferguson	Dravage	4.5 11.1 2.5 3.8
	Davis Planing Mills Co	Oil, etc. Painting Drayage Battery cases. Office expenses.	8. (
9	G. N. Salisbury	Office expenses	4.6
	Sandard O'C R. C. Francis Niel Ferguson Davis Planing Mills Co. G. N. Salisbury C. P. Cronk H. W. Grasse R. A. Allen	do	3.
	H W Chases	do	4.

ate.	Name.	Nature of payment.	Total.
901.			
b. 9	T. J. Considine	Office expenses	\$10.
	I. M. Cline	do	5.
	Marsden Wright	do	3.
	E. H. Emery Pay roll, Jacksonville, Fla	Substations, salaries	19.
	Pay roll Galveston Tay	do	80. 30.
	Pay roll, Galveston, Tex W. B. Stockman Ohio River R. R. Co South Florida Telegraph Co	Office expenses	43.
	Ohio River R. R. Co	Telegraph services	4.
	South Florida Telegraph Co	do	3.
	Western Union Telegraph Co Chicago, Burlington and Quincy R. R. Co International Ocean Telegraph Co Postal Telegraph Cable Co do Geo. C. Maynard The Kelly Island and Sandusky Cable Co Atlanta and Georgia Long Distance Tele	do	54.
	Chicago, Burlington and Quincy R. R. Co.	do	2. 167.
	Postal Walesmanh Cable Co	do	287.
	do	do	280
	Geo. C. Maynard	do	62.
	The Kelly Island and Sandusky Cable Co	do	9.
		Telephone services	20.
	phone Co.		
	Washington Steamboat Co	Transportation	10.
	phone Co. Washington Steamboat Co. Norfolk and Washington, D. C., Steamboat Co.	Passenger transportation	5.
	Great Northern Rwy. Co	do	48.
	Improvement Loan and Trust Co	Office rent	50.
	Cedar City Furniture Co	dodo	67. 150.
	Jos. Bryan The Henry Walke Co Eimer & Amend Jno. A. Roebling Sons Co	Supplies for station do	18.
	Eimer & Aniend	do	1.
	Jno. A. Roebling Sons Co	Cable	245.
	uo	WIFE	13.
	Ira Minnahan	Services Repairs to caligraph	2.
	W. L. Clark	Services	2.
	Edwin Hayte The Smith Premier Typewriter Co	Renairing typewriter	3.
	Geo. F. Muth & Co	Repairing typewriter	11.
3	Rudolph West & Co	Screws	1.
	Geo. F. Muth & Co Rudolph West & Co Mackall Bros National Electrical Supply Co	Glycerine	3.
	National Electrical Supply Co	Rheostat Oak pedestal	6.
	J. E. Turton R. Carter Ballantyne	Oak pedestal	43.
	The I C Ergood Co	Rubber bands	7. 64.
	The J. C. Ergood Co The Maurice Joyce Engraving Co	Soap, etc	5.
	do	Type cabinet	10.
	C. W. Davis & Bro	Type cabinet	9.
	J. J. Rackley	Renovating furniture	25.
	H. P. Moss	Letter-press stand	29.
	Spaler & Glenn Jno. C. Parker	Printing summary	62. 1.
	O'Neal & Son	Brace for stand Cleaning carpets, etc Erecting storm tower	4.
	Ino H Hecker	Erecting storm tower	75.
	Jno. H. Hecker Galveston Gas Co	Gas	14.
	Max Levy	Electric current	30.
	Max Levy Southwestern Telegraph and Telephone	Telphone service	12.
	Co. Southern Bell Telephone and Telegraph	do	7.
	Co.		
11	A. B. Wood	Washing towels	3.
$\frac{11}{13}$	Frank Springmann Marchants and Minors' Transportation Co.	Transportationdo	23.
10	Merchants and Miners' Transportation Co.	do	:
	Duluth and Iron Range R. R. Co International and Great Northern Rwy.	do	
	Co. Lake Shore and Michigan Southern Rwy.	do	9.
	Co. Nashville, Chattanooga and St. Louis	do	
	Rwy, Co.		
	Pere Marquette R. R. Co	do	$\frac{1}{5}$.
	San Antonio and Aransas Pass Rwy. Co	do	1.
			1.
	Chas. F. James The Santa Fe, Prescott and Phoenix Rwy. Co.	do	5.
	Southern Pacific Co.	do	1.
	Texas and Pacific Rwy Co	do	1.
	Southern Pacific Co. Texas and Pacific Rwy. Co Louisville and Nashville R. R. Co	do	15. 1.
	00		1.
-	Wabash R. R. Co. Cleveland, Cincinnati, Chicago and St.	do	1.
	Cleveland, Cincinnati, Chicago and St.	do	2.
	Louis Rwy. Co. Harry E. Overstreet Anchor Line	do	
	TRACE V. P. OVETSLEECH		2.

Date.	Name.	Nature of payment.	Total.
1901.			
Feb. 13	Anchor Line	Transportation	\$2.0
	Steamer G. W. Danielson Alabama, Mississippi and Tennessee Tele-	Telephone service	$ \begin{array}{c} 1.76 \\ 6.50 \end{array} $
	Alabama, Mississippi and Tennessee Tele-	Telephone service	0.0
	phone Co.	do	6.2
	do	do	6. 73 9. 10 37. 50
	New England Telephone and Telegraph Co Staunton Mutual Telephone Co Northern Telegraph Co Ohio River R. R. Co Postal Telegraph-Cable Co., of Texas	do	9.10
	Staunton Mutual Telephone Co	do	37.5
	Northern Telegraph Co	Telegraph service	15.5
	Ohio River R. R. Co	do	2. 50 18. 10
	Postal Telegraph-Cable Co., of Texas	do	18.10
	Day well Calmage Tow	Cubytation colonics	23. 7 45. 4
	Pay roll New York N V	do do	35. 0
	Pay roll, Galveston, Tex Pay roll, New York, N. Y The Atchison, Topeka and Santa Fe Rwy. Co.	do Substation, salaries do Passenger transportation	29. 4
)	Grand Rapids and Indiana Rwy. Co Rawlins and Northwestern Stage Co	do do Services	3. 7. 30. 0
	Rawlins and Northwestern Stage Co	do	30.0
	A. B. Payne	Services	3.0
	T. B. Halloran	do	2.0
	Henry E. Craven	do	2. 0 2. 5 2. 0
,	D. D. Poogo	do	1.5
	A. B. Payne T. B. Halloran Henry E. Craven C. H. Moffett D. D. Booze C. E. Hesse A. H. Thiessen C. E. Hesse	do	30.00
	A. H. Thiessen	do -	30.00 31.0
	C. E. Hasse	Office expenses	18.0
	A. H. Imessen C. E. Hasse Henry B. Hersey Jos. P. Fallihee N. B. Conger Wayland Bailey C. L. Park W. H. Fallon D. P. Millen	Office expenses	11.5
	Jos. P. Fallihee	Office expenses	4.0
	N. B. Conger	Traveling expenses	99.5
	Wayland Bailey	do	5.6
	U. L. Park	do	5. 50 1. 10
	W.H. Fallon	Office expenses	15.0
	Norfolk Steam Laundry Co	Printing summary	45.0
	Norfolk Steam Laundry Co	Washing towels	3.0
	Geo. L. Ferrin	Office expenses Services Printing summary Washing towels Repairs to flagstaff Hoops	3.0
	K. Cheseldine	Hoops	19.0
	Ryan & Co United States Envelope Co,	Framing charts Envelopes	8. 7. 173. 7
	United States Envelope Co,	Envelopes	173. 7
	J. H. Thiemeyer Morse Twist Drill and Machine Co Jno. A. Roebling's Son's Co	Pine boxes	69.0
	The A Packling's Cap's Co	TWIST GPHIS	1. 60 10. 63
	Jno. A. Roebing's Son's Co J. M. Small Patterson Transfer Co Chase Paint and Oil Co J. S. Pinney Geo. F. Muth & Co W. B. Moses & Co	Envelopes Pine boxes Twist drills Wire Cartage, etc Hauling Oil Brass rule Oil, etc	3.50
	Patterson Transfer Co	Hauling	1.00
	Chase Paint and Oil Co	Oil	2.50
	J. S. Pinney	Brass rule	2.50 3.00
18	Geo. F. Muth & Co	Oil, etc	42.4
	W. B. Moses & Co	Table Recovering chairs	13.4
	do	Recovering chairs	1.8
	J. Edw. Turton	Map frames	290.00
	Woodward & Lothrop Maurice Joyce Engraving Co Woodruff Manufacturing Co	Text-books	1, 257. 8
	Woodruff Manufacturing Co	Photo-engraving plate File case	41.00
- 1	Juo C Parker	Paner	880.0
	Jno C. Parker Rudolph West & Co. J. C. Entwistle R. Carter Ballantyne	Brass figures Engraving Supplies	31.50
	J. C. Entwistle	Engraving	7. 50
	R. Carter Ballantyne	Supplies	99.1
	Michael O'Leary Postal Telegraph Cable Co United States Express Co	Sand	1.50
	Postal Telegraph Cable Co	Telegraph service	28.6
	United States Express Co	Transportation	60.0
19	The Great North Western Telegraph Co	Tolograph convice	21. 9 163. 5
10	The Great North Western Telegraph Co Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telegraph servicedo	10.1
	The Hocking Valley Rwy, Co	Passenger transportation	3, 3
	J. S. Hazen	Office expenses	2.4
	J. S. Hazen E. B. Richards	do	8.0
	Jos. F. Marek Statesman Printing Co. Julien P. Friez Julen Startes Junes Carnet Store	Traveling expenses Printing bulletin Printing summary	4.5
	Jos. F. Marek	Printing bulletin	11.0
	Statesman Printing Co	Printing summary	44.0
	Jno. W. Holmes	Services Sockets Pens	1.5
	do do	Bookets	93. 7
	Jones Carnet Store	Cornets eta	1.50 93.73 107.50 124.13
	Weston Electrical Instrument Co	Carpets, etc	25.0
	Barnhardt Bros. & Spindler	Type	2 7
	Jones Carpet Store Weston Electrical Instrument Co Barnhardt Bros. & Spindler D. P. Hopkins Addressograph Co W. F. & Jno. Barnes Co G. C. Krause	Type Repairs to furniture Stamper head etc	2. 7 18. 7
	111	Stamper head, etc.	1.00
	Addressograph Co	Saws	1.00

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. WEATHER BUREAU—GENERAL EXPENSES—Continued.

ate.	Name.	Nature of payment.	Tota
901.)		
5. 19	M. L. Cohen	Repairs to clock	S
	P. Hensen Chas. E. Johnson & Co	Courrison and metamial	\$1
	Chas. E. Johnson & Co	Duplicating ink	80 13
	M. Sweder & Co	Erection of tower	13
	E. J. Shattuck & Co Phillips Bros. Norton Furniture Co Donahue & Shoebottom Electric Co Texas and Pacific Rwy Co Southern Pacific Co. Michigan Central R. R. Co Lehigh Valley R. R. Co Lake Shore and Michigan Southern Rwy. Co.	Duplicating ink Erection of tower Oil Binding charts Repairs, etc., furniture Services Transportation	
	Norton Furniture Co	Binding charts	9
	Donahua & Shoebottom Electric Co	Services	2
20	Texas and Pacific Rwy Co	Transportation	4
	do	do	
	Southern Pacific Co	do	
	Michigan Central R. R. Co	do	
	Lehigh Valley R. R. Co	do	
	Lake Shore and Michigan Southern Rwy.	do	1
	Co. Wiggensin Control Byyr Co	do	
	Wisconsin Central Rwy. Co Wabash R. R. Co St. Louis, Keokuk and Northwestern R. R.	do	
	St Louis Keokuk and Northwestern R. R.	do	•
	Co.		
	Nashville, Chattanooga and St. Louis Rwy.	do	
	Co. Grand Rapids and Indiana Rwy. Co	do	,
	Detroit and Cleveland Navigation Co	do	
	Grand Rapids and Indiana Rwy. Co Detroit and Cleveland Navigation Co Burlington and Missouri River R. R. in	do	
	Nahrasira		
	The Rio Grande Southern R. R. Co	do	
	The Rio Grande Southern R. R. Co	do	
	tucket Steamboat Co.	do	
	Baltimore and Ohio Southwestern R. R. Co.	do	
	dodo	dodo	
	do	do	
	do New York, New Haven and Hartford R. R.	do	
	Co. Rome, Watertown and Ogdensburg R. R.		
	Co. Boston and Albany R. R. Co Jno. C. Davis. Lower Coast Packet do Star Union Line do do Missouri Pacific Rwy. Co	do	1
	Jno. C. Davis	00	
	do	do	
	Star Union Line	do	
	do	do	
	do	do	
	Missouri Pacific Rwy. Co	do	
	Missouri Pacific Rwy. CodoHerbrick & Laurence. H. J. Green Maxwell & Taylor Union Typewriter and Supplies CoJas. Fitzsimmons & Co. Wm. F. Coston Chas. A. Stickney & Co.	do	1
23	Herbrick & Laurence	Repairing electric lights	1
	H.J. Green	Barometer boxes Washstand	3
	Union Typogrator and Supplies Co	Stoneil paper	
	Jac Fitzeimmone & Co	Stencil paper	4 3
	Wm. F. Coston	Renovating furniture	3
	Wm. F. Coston Chas. A. Stickney & Co. Lowman & Hanford Stationery and Print-	Gasoline engineInk and mucilage	20
	Lowman & Hanford Stationery and Print-	Ink and mucilage	
	ing Co. Watts Bros		
	Watts Bros	Services	1
	U. P. Uard	Services Laying linoleum Cleaning clock	
	O. P. Card E. W. Turner Union Photographic Engraving Co	Pictures	1
		Wire and ninners	1
	J. A. Barnes	Coal	8
	J. A. Barnes Hoke Engraving Plate Co	Cleaning clock Pictures Wire and nippers Coal Recoating plates do	8 4
	do	do	6
	do	do	7
	F. G. Blaisdell	Water	1 4
	The Globe Wernicke Co	Cabinet	4
	Carter Ink Co	Ink	2
	do F. G. Blaisdell The Globe Wernicke Co Carter Ink Co Houghton & Delano A. N. Bucklin	Lantern-slide plates	:
		Copper fans Casting rollers Moving furniture Lumber	
	M. L. Johnson	Moving furniture	2 18 1
	M. Wiegand & Co	Lumber	18
	M. L. Johnson M. Wiegand & Co J. Baumgarten & Sons	Rubber stamp	1:
	Jas. B. Lambie	Rubber stamp. Supplies for instrument repair-	
	do	ing. Screw-driver	
	New Orleans and North Eastern R. R. Co	Screw-driver Passenger transportation	5
	New Orleans and North Eastern R. R. Co Utah and Pacific R. R. Co Lake Shore and Michigan Southern Rwy.	do	5
	Lake Shore and Michigan Southern Rwy.	dodo	-1
	Co.		

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. WEATHER BUREAU-GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
1901.			***
b. 23	Southern Rwy.Co	Passenger transportation	\$3. 3
	Michigan Telephone Co	Telephone service.	3. 16.
	South Florida Telegraph Co	Telegraph service	3.
	Southern Rwy. Codododododododo.	do	3. 28. 7.
	Co.		* .
	Philadelphia, Reading and Pottsville Telegraph Co.	do	11.
	Ocean Towboat Line	do	1.
	Marsden Wright	Traveling expenses	32. 3. 3.
	P. H. Smyth	do	3
	N.B. Conger	do	16 14 13
	I W Smith	do	14
	Thos. J. Considine	do	9
	E. T. Giers	do	10
	G. E. Franklin	Office expenses	3 5
	Chas. W. Ling	do	1
	Lee A. Denson.	do	2
	O.C. Burrows	do	1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	W T Blythe	do	1
	do	do	1 69
25	Pere Marquette R. R. Co	Transportation	1
	Steamer Geo W Danielson	do	28
	do	do	2
	Co. Philadelphia, Reading and Pottsville Telegraph Co. Ocean Towboat Line. Postal Telegraph Cable Co. Marsden Wright. P. H. Smyth N. B. Conger R. A. Fessenden J. W. Smith Thos. J. Considine E. T. Giers G. E. Franklin A. J. Mitchell Chas. W. Ling Lee A. Denson O. C. Burrows S. Hackett W. T. Blythe do Pere Marquette R. R. Co. do Pere Marquette R. R. Co. do Steamer Geo. W. Danielson do Fremont, Elkhorn and Missouri Valley R. R. Co. do Baltimore and Ohio R. R. Co. do Dennsylvania R. R. Co Louisville and Nashville R. R. Co. do O' Colo Colo Colo Colo Colo Colo Colo Col	do	
	Baltimore and Ohio R. R. Co	do	10
	do	do	3
	Pennsylvania R. R. Co	do	2
	do	do	46
	Union Pacific R. R. Co.	do	2
	Virginia and Truckee R. R. Co	do	1
	do	do	1 1
	Chicago and Northwestern Rwy. Co	do	16
28	B. F. Larcombe et al	Salaries	2,655
r. 5	Wm. Crawford	Hire horse	256
	C. E. Johnson	Services	4
	The Store of Pottern Supply Co	TI-do	8 5
	Phillip Lindemeyr	Mucilage etc	256
	F. J. Carter	Repairing typewriter	4
	The Merchants Publishing Co	Printing annual summary	50
	United States Envelope Co	Envelopes	140
	Walter Scott & Co	Screws	5
	Cnas. E. Johnson & Co	Hire horse Services do Hydrometer syringe Mucilage, etc Repairing typewriter Printing annual summary Barographs, etc Envelopes Screws Ink Wire	743 52
	C. E. Johnson do The Storage Battery Supply Co. Phillip Lindemeyr F. J. Carter The Merchants Publishing Co. Julien P. Friez. United States Envelope Co. Walter Scott & Co. Chas. E. Johnson & Co R. N. Getty American Type Founders Co. Chester Brierley Alabama, Mississippi and Tennessee Telephone Co.	Staples, type, etc.	
	Chester Brierley	Staples, type, etc. Services Telephone service	39
	Alabama, Mississippi and Tennessee Tele-	Telephone service	6
	Alabama, Mississippi and Telinessee Telephone Co. Ohio River Telephone Line. Michigan Telephone Co. Rising Sun Telegraph Line. Great Northwestern Telegraph Co. of Canada	do	5
	Michigan Telephone Co	do	2
	Rising Sun Telegraph Line	Telegraph services	157
	Canada.	u0	154
	Isle of Wight Telephone and Telegraph Co-	do	5
	Corvallis and Eastern R. R. Co	Office expenses	7
	A. H. Thiessen	omce expensesdo	29
	Wm. Bell	do	28 1 1 2
	Jno. K. Morton	do	1
	Wayland Bailey	do	14
	do	do	22
	Canada. Isle of Wight Telephone and Telegraph Co- Corvallis and Eastern R. R. Co L. M. Dey, jr A. H. Thiessen Wm. Bell Jno. R. Morton Corydon P. Cronk Wayland Bailey do do do R. A. Fessenden do Postal Telegraph Cable Co R. L. Lamb	Traveling expenses	14 22 8
	do	do	22 52
			34

Date.	Name.	Nature of payment.	Tota
1901.			
Mar. 6	Fred. A. Schmidt	Measuring sticks	\$92 290
	A. A. Wagner W. B. Moses & Sons Rudolph, West & Co R. P. Clarke & Co J. E. Turton	Rain gauges	290
	W. B. Moses & Sons	Mats	24
	Rudolph, West & Co	Paint, brushes, etc	290
	R. P. Clarke & Co	Millinet	846
	J.E. Turton	Card holders	846
	ao	Supports	1.14
7	Indiana Printing and Manufacturing Co	Printing annual summary	60
	G. H. Baughman	Binding maps.	60
	Twentieth Century Press Lewis Westbrook	Printing summary	61
	Fred. Albright	Services	6
	H H Hodgson	Horse hire	į
	H. H. Hodgson F. W. Sambrook	Repairs to typewriterLumber	
	Gether & Drebert Co	Services	10
	A. J. Campbell	Reefing halyards	10
	W. J. May	Shelving	18
	Small & Co	Repairing flags	10
	Small & Co Badger State Printers Roller Co	Recasting rollers	1
	Edwin R. Smith	Recasting rollers Erecting flagstaff	29
	Harrington & Tobin	Lamp chimneys]
	Yanice Parker	Painting instrument shelters	į
	W. G. Johnston & Co	Silk backing	-
	Peter Gray	Lanterns	20
	Ed. Kinsgbury	Repairing furniture	4
	H. G. Dyson	Clamps	j
	The J. K. Gill Co	Ink	6
	H. Pembrooke	do	6
	California Ink Co	Casting rollers	2
	California Ink Co Alabama and Georgia Long Distance Tele-	Telephone service	20
	phone Co. Peter C. Battaile		
	Peter C. Battaile	Services	10
	T. S. Collins	Office expenses	1
	Jno. R. Weeks		
	Ed. A. Evans	do	Ę
	T. F. Townsend	Traveling expenses	4
	Geo. M. Chappell N. B. Conger Michigan Central R. R. Co	āo	8
	N. B. Conger	do	4
	Michigan Central R. R. Co	Passenger transportation	24
	Chicago and Alton R. R. Co Chicago and Northwestern Rwy. Co	do	8
	Chicago and Northwestern Rwy. Co	do	
	Santa Fe Pacific R. R. Co	do	46
10	Fred Springmann W. B. Moses & Sons	Transportation	$\frac{17}{378}$
12	Too D Tombio	Instrument stands	3/6
1	Jas. B. Lambiedo	Tool steel Wire brads	j
	do	Turn-buckles	2
	Broderick Bros		14
	Jno. C. Parker	RagsCardboard	440
	Martha Carter	Sarvicas	10
	D. Frank Parker	Services Paper, varnish, typewriter rib-	1,629
	D. Frank Larker	bon, etc.	a, one
	United States Express Co	Transportation	13
	United States Express Co	do	5
14	J. J. Kelliher	Office expenses	9
	J. H. Means	Drayage Services Traveling expenses	10
	Luke Markishtun.	Services	4
	H. McP. Baldwin	Traveling expenses	12 11
	R. M. Gedding	00	11
	R. M. Gedding State Journal Co	Casting rollers, etc	8
	F.J. Walz	Traveling expenses	6
	W. M. Fulton	Office expenses	19
19	W. M. Fulton	do	36
	J. P. Fallihee	do	6
	Chas. Adie	do	1
	C. P. Cronk	do	5
	C.P. Cronk E. B. Richards N. R. Taylor Jas. F. Atherton	do	5
	N. K. Taylor	Traveling expenses	16
	Jas. r. Atherton	0D	6
	E. A. Beals	d0	17
	Jas. F. Atherton E. A. Beals N. B. Conger. Pay roll, New York, N. Y Aurora and Friendship Telephone Line Put-in-Bay Telegraph Co International Ocean Telegraph Co. Postal Telegraph-Cable Co. of Texas People's Telephone Co. Ohio River R. R. Co Chicago, Burlington and Quiney R. R. Co. New England Telephone and Telegraph Co	Carbatation calarita	28
	A ruore and Friendship Talanhana Tina	Tolophone sorvice	35
	Aurora and Friendship Telephone Line	Telegraph convice	$\frac{7}{13}$
	International Ocean Wilson Co.	relegraph service	218
	Destal Welson at Ocean Telegraph Co		218
	Postal Telegraph-Cable Co. of Texas	Melanhana convict	29
	Obje Piren P. P. Co.	Telegraph sorvice	3.
	Chicago Punlington and Chicago D. C.	reregraph service	2

Date.	Name.	Nature of payment.	Total
1901.			
ar. 19	Hoke Engraving Plate Co	Recoating plates	\$25. 33. 62.
•	do	Stereotype metal	33.
	do	do	52.
	do	Recoating plates Handles, etc Passenger transportation	6.
	Lake Shore and Michigan Southern Rwy.	Passenger transportation	6.
	Co.	t assenger transportation	74.
	The Oregon R. R. and Navigation Co	do	41.
	Oregon Short Line	do	22. 13.
	Rio Grande Western Rwy. Co	do	13.
	Utah and Pacific R. R. Co	do	3. 28.
	Union Pacific R. R. Co	Contore	28.
	Pambert Proc & Spindler	Chase	2.
	Western Electrical Instrument Co	Rolave	12.
1	E.C. Fuller & Co	Wire stitching machine	ĩ
	Carter, Rice & Co. (corporation)	Book paper	264
	J. H. Thiemeyer	Packing boxes	5.
	Frederick & Nelson	Table	9.
	K. Cheseldine	Labor and material	850
	G. B. Carwing	Services	10
	D. P. Fisher	Repairs to instrument stand	1 12
	1 P Speek	Labor and material	10
	The Globe-Wernicke Co	Cards	3
	Barnhart Bros. & Spindler	Chases	3
	P. H. Seewald	Repairing clock	4
	Rand, McNally & Co	Charts	180
	Western Union Telegraph Co	Repairs to telegraph line	5 2
	W. W. Best	do	2.
	Jas. R. Hobbs	Dwinting bullating	3
- 1	E D Poettie	Printing bulletins	50
	C. H. Crocker & Co	do	107
	Cumberland Preshyterian Publishing	do	44
	Co. The Oregon R. R. and Navigation Co. Oregon Short Line Rio Grande Western Rwy. Co. Utah and Pacific R. R. Co. Union Pacific R. R. Co. Jas. Hunter. Barnhart Bros. & Spindler Western Electrical Instrument Co. E. C. Fuller & Co. Carter, Rice & Co. (corporation) J. H. Thiemeyer Frederick & Nelson K. Cheseldine. G. B. Carwing. D. P. Fisher Wm. Lamb J. R. Speer The Globe-Wernicke Co. Barnhart Bros. & Spindler P. H. Seewald Rand, McNally & Co. Western Union Telegraph Co. W. W. Best Jas. R. Hobbs Arizona Publishing Co. E. D. Beattile C. H. Crocker & Co. Cumberland Presbyterian Publishing House. The Daggett Printing Co.		***
1	The Daggett Printing Co	do	3
- 4	Jas. F. Marek	do	11
7	The Daggett Frinting Co- Jas. F. Marek O. J. Maigne W. H. Ranney L. H. Jones. Frank L. McClintic Wm. Bell Geo. A. Loveland J. H. Smith	Recasting rollers	19
	W.H. Ranney	do	3 2
20	Fronk I. McClintia	Office ownerses	1
20.	Wm Rell	do	90
	Geo. A. Loveland	do	11
	Geo. A. Loveland J. H. Smith Chas, M. Strong Jno. R. Weeks H. P. Hersey Ohio River Telephone Line Alabama, Mississippi, and Tennessee Telephone Co. L. T. Harver	do	4.
	Chas. M. Strong	do	3 12
	Jno. R. Weeks	Traveling expenses	12
	H. P. Hersey	do	49.
	Alabama Mississippi and Tannagga Tala	Telephone services	4. 6.
	nhone Co	do	0.
	J. T. Harper	Telegraph services	15
	Rising Sun Telegraph Line	do	2
	J. T. Harper Rising Sun Telegraph Line Minneapolis, St. Paul and Sault Ste. Marie	dodo	15. 2. 10.
	Rwy. Co.		
	Rwy. Co. Corvallis and Eastern R. R. Co. Henry J. Green. American Type Founders Co. Keystone Type Foundry H. B. McVeigh P. C. Atwood E. A Sawyer	Thermometers, etc. Logotype Supplies Services Benzine	2.
	American Type Foundame Co	Thermometers, etc	1,200
	Kaystone Type Foundary	Logotype	2.
	H R McVaigh	Sarviges	8.
	P.C. Atwood	Renzine	1
	E. A. Sawyer Julien P. Freiz F. H. Lovell & Co. Geo. Meier & Co. Jno. W. Holmes Western Union Telegraph Co.	Services Supplies Clocks	15
	Julien P. Freiz	Supplies	15. 1,633.
	F. H. Lovell & Co	Clocks	64.
	Geo. Meier & Co	Pencils	
91	Western Union Telegraph Co	Repairing telegraph line	4.
21	western Union Telegraph Co	Telegraph services.	14, 265. 13, 798.
	M. Du Perow	Repairing telegraph line Telegraph services do Gordon battery Cleaning map Fitting for garden hose Supplies	13, 798. 816.
22	Richd. A. Shaw	Cleaning map.	10.
22	Thos. Somerville & Sons	Fitting for garden hose	1.
22		Supplies	7.
22	Jas. B. Lambie		220
22	Jas. B. Lambie Postal Telegraph-Cable Co	Telegraph service	263.
22	Jas. B. Lambie Postal Telegraph-Cable Co Norfolk and Washington Steamboat Co	Supplies Telegraph service Passenger transportation	3.
22	western Union Telegraph Co do M. Du Perow Richd, A. Shaw Thos. Somerville & Sons Jas. B. Lambie Postal Telegraph-Cable Co Norfolk and Washington Steamboat Co. Adams Express Co.	a a a a a a a a a a a a a a a a a a a	263. 3. 19.
22	Illinois Control P. P. Co	a a a a a a a a a a a a a a a a a a a	3. 19.
22	Jas. B. Lambie Postal Telegraph-Cable Co Norfolk and Washington Steamboat Co Adams Express Co Illinois Central R. R. Co do Chicago. Rock Island and Texas Rwy. Co Chicago, Milwaukee and St. Paul Rwy. Co	a a a a a a a a a a a a a a a a a a a	3. 19.

Date.	Name.	Nature of payment.	Total.
1901.			
Mar. 22	Chicago and Northwestern Rwy. Co	Transportation	\$17.82 .80
	Balting and Ohio South and D. D. Co	do	. 09
	dodo	do	3.788 .40
	Baltimore and Ohio R. R. Co	do	. 40 8. 83
	Detroit and Mackinac Rwy. Co	do	. 36 7. 06
	Boston and Maine R. R. Co.	do do	4. 27 . 70 1. 11
	Chicago and Northwestern Rwy. Co. Pennsylvania R. R. Co. do Baltimore and Ohio Southwestern R. R. Co. do Baltimore and Ohio R. R. Co. do Detroit and Mackinac Rwy. Co. do Boston and Maine R. R. Co. do Burlington and Missouri River R. R. in Nebraska.	do	1.11 35.99
	New Bedford, Marthas Vineyard and Nan- tucket Steamboat Co.	do	13. 20 15. 22
	Fremont Elkhorn and Missouri Valley R.	do	.31
	R. Co. Ann Arbor R. R. Co. New Bedford, Marthas Vineyard and Nan- tucket Steamboat Co.		2.05 3.77
	Pere Marquette R. R. Co.	do	3.41 1.37
	Pere Marquette R. R. Co Delaware, Lackawannaand Western R. R. Co Delaware and Hudson Co Boston and Albany R. R. Co Maine Central R. R. Co Richmond, Fredericksburg and Potomac R. R. Co	dodo	1.85
	Maine Central R. R. Co	do	. 94
	Richmond, Fredericksburg and Potomac R. R. Co.	do	.79
	St. Louis, Keokuk and Northwestern R. R.		. 54
	Wabash R. R. Co	do	1.08 2.27
1	Washington County R. R. Co	do	2. 27 . 94 1. 52
	Star Union Line Wabash R. R. Co Washington County R. R. Co The Oregon Short Line R. R. Co Texas-Mexican Rwy. Co The Santa Fe, Prescott and Phoenix Rwy.	do do	9. 45 11. 15
	Co. Northern Central R.W. Co. Michigan Central R. R. Co. Louisville, Evansville and St. Louis Consolidated R. R. Co.	do	. 45 1. 87
	Louisville, Evansville and St. Louis Consolidated R. R. Co. Lake Shore and Michigan Southern Rwy.	do	. 95 8, 03
	Co. Lake Michigan and Lake Superior Trans-	do	7.92
	portation Co. The Erie and Western Transportation Co. The Colorado and Southern Rwy. Co Cleveland, Cincinnati, Chicago and St.	do	3.38
	The Colorado and Southern Rwy. Co	do	1.44
		do	1.23
23	Harry E. Overstreet Morgan R. Sanford E. A. Beals	Traveling expenses	2. 20 32. 75 10. 00
	E. A. Beals Kenelin Cheseldine R. N. Morrison Construction Co Jas. Hunter C. D. Peacock Jas. R. Biddle Queen & Co., Incorporated Valley Paper Co J. S. Stahl & Co P. H. Seawald Addressograph Co Jno. Phillips & Co., Limited Louis Lindenberg D. B. Walker Johnson & Venners A. Gilchrist	do Erecting poles. Repairing wind vane Repairing roof, etc Repairing clock Rubber jars Altering induction coil, etc. Paper Repairing typewriter	10.00
	R. N. Morrison Construction Co	Repairing wind vane	26.50 5.00
	C. D. Peacock	Repairing clock	4.00 9.15
1	Queen & Co., Incorporated	Altering induction coil, etc	26, 77
4.0	Valley Paper Co	Paper	811.80
	P. H. Seawald	Repairing typewriter Repairing clock Type, etc	4.00 2.00
	Addressograph Co	Type, etc.	4.84
	Louis Lindenberg	Repairs to register case Brass wire, etc	2.46
	D. B. Walker	Storm tower Erection of tower Repairing clock Passenger transportation	43.00 22.50
	A. Gilchrist	Repairing clock	4.50
			1.75 29.60
	Rawlins and Northwestern Stage Line	do:	1, 55 23, 41
90	American Type Founders Co	Type, etc.	23.41
26	American Type Founders Co. Baungarten & Sons The Maurice Joyce Engraving Co. do. Loc C. Beelen	Passenger transportation do do do Type, etc. Logotypes, etc. Photo-engravings, etc. Map symbols Electrotype plates Cardboard Passing typowyifer	434.74 11.53 31.00
	do	Map symbols	31.00
	Jno. C. Parker	Cardboard	3.63 176.00 12.50
	Mackall Bros	Alcohol, etc.	12.50 5.80 7.50
28	J. C. Entwistle Missouri Pacific Rwy. Co	Engraving Transportation	12.01

Dat	e.	Name.	Nature of payment.	Total.
1901 Mar.		Missouri Pacific Rwy Co	Thenchontation	\$4, 22
mai.	20	Southern Pacific Co	do	. 69
		Chicago, Peoria and St. Louis Rwy. Co	do	. 75
		Chicago, Milwaukee and St. Paul Rwy. Co.	do	1.04
		Chicago, Burlington and Quincy R. R. Co.	do	1.07
		do	do	2.81
		do	do	. 84 4. 59
		Missouri Pacific Rwy Co. Southern Pacific Co. Chicago, Peoria and St. Louis Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. do. Chicago, Burlington and Quincy R. R. Co. do. do do Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. do	do	3.55
		do Chicago and Northwestern Rwy. Co. Rome, Watertown and Ogdensburg R. R. New York Central and Hudson River R. R.	do	2.84 18.96
		Rome, Watertown and Ogdensburg R. R.	do	3. 58 1. 76
		New York Central and Hudson River R. R. Co.	do	1.76
		Co. do Pennsylvania R. R. Co do Boston and Maine R. R. Co	. do	2.45
		do	do	9.81
		Pennsylvania R. R. Co	do	1.03
		do	do	. 47
		do	do	. 46 1.11
		do	do	. 57
		do	do	. 46
		Boston and Maine R. R. Co	do	1.24 7.28
		do	do	. 44
		The Riverside Storage and Cartage Co	do	. 81 1. 06 10. 93
		Atchison, Topeka and Santa Fe Rwy, Co	do	1.06
		do	do	7.69
		Chesapeake and Ohio R. R. Co	do	. 84 4. 74
		Star Union Line	do	4.74
		do	do	. 99 5. 92
		St. Louis Southwestern Rwy. Co	do	. 82
	1	Atlantic Coast Line R. R. Co.	do	6. 99 1. 92
	1	Rutland Rwy. Co	do	. 95
		Carolina and Northwestern Rwy. Co	do	. 42
		Thompson Steamboat Co	do	. 37 32. 48
	1	Harry E. Overstreet	do	. 12
		Geo. McQuillan	do	. 12
		Steamer Olympic	do	1.50 .70
		Boston and Maine R. R. Co. do The Riverside Storage and Cartage Co. do Atchison, Topeka and Santa Fe Rwy. Co do Chesapeake and Ohio R. R. Co. do Star Union Line do St. Louis Southwestern Rwy. Co Texas Pacific Rwy. Co. Atlantic Coast Line R. R. Co. Rutland Rwy. Co. Carolina and Northwestern Rwy. Co Central R. R. Co. of New J ersey Thompson Steamboat Co. Harry E. Overstreet Geo. McQuillan Jos. Urlacher Steamer Olympic St. Louis, Keokuk and Northwestern R. R. Co.	do	1. 79
		Fremont, Elkhorn and Missouri Valley R. R. Co. Grand Rapids and Indiana Rwy Co.	do	1.01 1.34
		R. R. Co. Grand Rapids and Indiana Rwy. Co. Lake Shore and Michigan Southern Rwy. Co.	do	. 56
		Lehigh Valley R. R. Co	do	3.78
		CO.	d0	2.32
		New Bedford Marthas Vineward and Nen	dodo	. 78 . 59
		tucket Steamboat Co. New York, Chicago and St. Louis R. R. Co - Sedalia, Warsaw and Southwestern Rwy.	do	. 4.32 .42
		Co.	2	. 13
		Sayannah Florida and Western Pry Co	do	. 25 8. 59
		San Antonio and Aransas Pass Rwy	do	8.59 2.54
		Detroit and Cleveland Navigation Co	do	1.54
	1	Erie and Western Transportation Co.	do	1.53 1.64
		The Denver and Rio Grande R. R. Co.	do	• 13.21
	30	B. F. Larcombe et al	Salaries	2,850.71 284.20
		Co. Virginia and Truckee R. R. Co. Savannah, Florida and Western Rwy. Co. San Antonio and Aransas Pass Rwy. Detroit and Cleveland Navigation Co. Norfolk and Southern R. R. Co. Erie and Western Transportation Co. The Denver and Rio Grande R. R. Co. B. F. Larcombe et al. W. F. R. Phillips et al.	do	284.20
		Total, third quarter		135, 665, 88
Apr.	2	Chicago Auditorium Association	Office rent	450.00
		Wm. Pollman	do	63.00 87.50
		Chicago Auditorium Association Balfe D. Johnson Wm. Pollman Benj. M. Jacobs Geo. L. Lovette	do	87.50 30.00
		Coo I I amothe	7	105.00

ite.	Name.	Nature of payment.	Tot
01.	City of Columbia, S. C. Maggie French Ulysses G. Myers. Mary C. Pratt et al The Farmers' National Bank of Fresno R. McLaughlin Conrad National Bank Dent & Butler Tyree & Wilkins, agents Albert W. Kennie Walla Walla Lodge, No. 56, I. O. O. F. Aldana C. Rackeliffe E. H. Jamieson A. J. Knight E. P. Jones E. J. Davenport O. J. Mairs Geo. E. Shaw Peter Sonna F. E. Warren C. M. Beeson Eliz L. Renoe Utah and Pacific R. R. Co Citizens' Bank of Norfolk, Va Jno. E. Dooly D. Horton T. B. Catron Bunce & Iiams Otto B. Hart Robt. W. Munroe H. Wallenberg, administrator Simon W. Everitt Pacific States Telephone and Telegraph Co		
. 2	City of Columbia, S. C.	Office rent	Q
	Maggie French	do	\$
	Ulysses G. Myers.	do	1
	Mary C. Pratt et al	do	17 9 11
	The Farmers' National Bank of Fresno	do	11
	R. McLaughlin	do	1.5
	Conrad National Bank	do	10
	Types & Wilking agents	do	10
	Albert W Kennie	do	4
	Walla Walla Lodge, No. 56, L.O. O. F.	do	9
	Aldana C. Rackcliffe	do	7
	E. H. Jamieson	do	17
	A. J. Knight	do	2
	E. P. Jones	do	2
	E. J. Davenport	do	10
	O.J. Mairs	do	6
	Geo. E. Shaw	do	. 7
	Peter Sonna	do	12
	C M Rosson	do	12
	Eliz I. Renoe	do	10
	Utah and Pacific R. R. Co	do	4
	Citizens' Bank of Norfolk. Va	do	15
	Jno. E. Dooly	do	18 18
	D. Horton	do	12
	T. B. Catron	do	10
	Bunce & liams	do	9
	Otto B. Hart	do	17
	Kopt. W. Munroe	Anemometer, etc	17
	H. Wallenberg, administrator Simon W. Everitt Pacific States Telephone and Telegraph Co. Isle of Wight Telephone and Telegraph Co. Western Union Telegraph Co. do. Philadelphia, Reading and Pottsville Telegraph Co.	Omce rent	17
	Pacific States Telephone and Telegraph Co.	Talagraph sarvigas	
	Isle of Wight Telephone and Telegraph Co.	do	
	Western Union Telegraph Co	do	14
	do	do	1
	Philadelphia, Reading and Pottsville Tele-	do	
	graph Co. The Central District and Printing Tele-		
	graph Co		
	graph Co. J. H. Richmond	Repairs to river gauge	1
	Barnhart Bros. & Spindler D. C. Jones Pere Marquette R. R. Co. International and Great Northern R. R. Co.	Repairs to clock	
	Barnhart Bros. & Spindler	Repairs to clock Supplies	1
	D. C. Jones	Services	2
	Pere Marquette R. R. Co	Passenger transportation do Traveling expenses Office expenses Addressograpns	2
	International and Great Northern R. R.Co.	do	
	E. H. Emery	Traveling expenses	
	W.S. Palmer	Office expenses	27
	H K Holeombo	Office ovnerses	61
4	W. S. Palmer Addressograph Co H. K. Holcombe The Northwestern Telegraph Exchange	Office expenses	
-			
	The Inland Telephone and Telegraph Co	do	
	The Bell Telephone Co. of Philadelphia	do	3
			1
	Southern Bell Telephone and Telegraph	do	
	The Inland Telephone and Telegraph Co. The Bell Telephone Co. of Philadelphia Southern Bell Telephone and Telegraph Co.		
	CO.		
	CO.		
	CO.		1
	CO.		1 2 2 2
	CO.		1 2 2
	CO.		1 2 2
	CO.		1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvanie. Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co	Services	1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvanie. Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co	Services	1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvanie. Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co	Services	1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvanie. Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co	Services	1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvanie. Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co	Services	1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvanir Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co Georgia Telephone and Telegraph Co do Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co The Empire State Telephone and Telegraph Co Ontario Telephone Co Dodge City Telephone Co Central Union Telephone Co Southwestern Telegraph and Telephone Southwestern Telegraph and Telephone	Services	1 2 2 1 1
	do Missouri and Kansas Telephone Co do Pennsylvaniz Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co The Empire State Telephone and Telegraph Co Ontario Telephone Co Dodge City Telephone Co Central Union Telephone Co Southwestern Telegraph and Telephone Co	Services	1 1 1 4 1 1 1 1
	do Missouri and Kansas Telephone Co do Pennsylvaniz Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co The Empire State Telephone and Telegraph Co Ontario Telephone Co Dodge City Telephone Co Central Union Telephone Co Southwestern Telegraph and Telephone Co	Services	1 1 1 4 1 1 1 1
	do Missouri and Kansas Telephone Co do Pennsylvaniz Telephone Co The Southern New England Telephone Co Rocky Mountain Bell Telephone Co do Georgia Telephone and Telegraph Co Capital Telephone and Telegraph Co Capital Telephone and Telegraph Co The Empire State Telephone and Telegraph Co Ontario Telephone Co Dodge City Telephone Co Central Union Telephone Co Southwestern Telegraph and Telephone Co	Services	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	do Missouri and Kansas Telephone Codo Pennsylvaniz Telephone CoThe Southern New England Telephone Codo Georgia Telephone and Telegraph Codo Georgia Telephone and Telegraph Codo The Empire State Telephone Coortario Telephone Co Capital Telephone and Telegraph Co. The Empire State Telephone and Telegraph Co. Ontario Telephone Co Cottario Telephone Co Coutral Union Telephone Co Southwestern Telegraph and Telephone Co	Services	1 1 1 1 4 1 1

Date.	Name.	Nature of payment.	Total.
1901.	Citizens' Telephone Co. The Telephone Co. of South Jersey People's Telephone Co Aurora and Friendship Telephone Line Iowa Telephone Co. Chas, A. Blumner R. M. Hardinge Milton L. Leftier Wm. Bell Alex, G. McAdie Frank R. Beahan E. B. Richardsdo D. Frank Parker C. Becker Standard Oil Co. M. G. Copeland & Co. Southern Rwy. Co. do Fred. A. Schmidt Mackall Bros The Morris Joyce Engraving Co. Postal Telegraph-Cable Co. do A. A. Wagner Clark & Davenportdo National Electrical Supply Co. Great Northwestern Telegraph Co. of Canada. Southern Florida Telegraph Co.	m 1 1	20.00
Apr. 4	Citizens' Telephone Co	Telephone rent	\$6.00 5.00
	People's Telephone Co.	Services	4.40
	Aurora and Friendship Telephone Line	do	4.40 6.90
	Iowa Telephone Co	do	36.00
	Chas. A. Blumner	Office ownerses	
	Milton L. Leffler	Traveling expenses	19. 25
	Wm. Bell	do	1.25
	Alex. G. McAdie	do	8. 20 19. 25 1. 25 22. 50 38. 60
	Frank R. Beahan	do	38.60
	do	do	2. 85 2. 85 2. 25
6	D. Frank Parker	Typewriter ribbons	2.25
	C. Becker	Calendar for carriage	7. 15
	Standard Oil Co	Oll	7. 15
	Southern Rwy. Co	Passenger transportation	214.50 24.80
	do	do	2. 64 40. 00 105. 58
	Fred. A. Schmidt	Painting chart of river	40.00
	Mackall Bros	Soap, etc.	105.58
	Postal Telegraph-Cable Co	Services	8. 62 28. 64
1	do	do	28. 64 287. 54 145. 00
	A. A. Wagner	Rain gauges	145.00
	Clark & Davenport	Altering carpet	9.49
	National Floatrical Supply Co	Electric lamp	5.66
10	Great Northwestern Telegraph Co. of	Telegraph service	. 76 116. 79
	Canada.		
	Southern Florida Telegraph Co	do	8, 30 5, 50
	Line.		5. 50
		ob	6.00
	The Gamble Desmond Co	Rent of office	100.00
	Indianapolis Gas Co	do	250.00
	Columbia Ruilding Co	do	120.00 87.50
	Line. Ocean Towboat Line The Gamble Desmond Co. Indianapolis Gas Co. Sam B. Hicks et al. Columbia Building Co. Hoke Engraving Plate Co. do. do. S. A. Potter Fred Albright.	do Rent of office do do do do Recoating plates do Supplies Use of ground for flagstaff Use of horse Printing climate report Paper Washing towels Repairs to typewriter Ink pads Type, etc Rent post-office box Ice Labor and material Sulphuric acid Painting instrument shelters Coal Ink Painting floors	120.00 87.50 75.00
	do	do	
	C A Dotton	Supplies	1. 45 30. 00 2. 00 36. 00
	Fred Albright	Use of ground for nagstan	2 00
	E. D. Beattie	Printing climate report	36.00
	Reading Paper Mills	Paper	940,00
	W. W. Wholen	Washing towels	4.50
	Addressograph Co	Ink pads	1.20 2.83
	Inland Type Foundry	Type, etc	2.83
-	Simon Nusbaum, postmaster	Rent post-office box	1.50
	Fred Taylor	Labor and material	3.15 5.50
	Robt. F. Holmes & Co	Sulphuric acid	1.44
	Jas. Morrison, jr.	Painting instrument shelters	20.00
1	Johnson & Johnson	Coal	8. 00 2. 40
	Ferguson & Cooper	Painting floors	6.00
	Sydney & Hundley	Stool	1.10
	W. H. Ranney	Recasting rollers	3, 75
	San Antonio Gas and Electric Co	Electric current	1. 10 3. 75 6. 25 18. 00
	Tampa Electric Co	do	5.00
	E. A. Born	do	5.00 6.00
	Wm. Caldwell	Repairing rain gauge	. 75 . 75 1. 50 2. 15
	J. R. Wilson & Son	Oil	. 75
	Yates & Co	Oil	2.15
	P. C. Shaw	Towel service	0.481
	M.J. Greer	do	1.50 3.00
	American Linen Supply Co	do	3.00 3.00
11	R. A. Fessenden	Office expenses	29, 48
	Alfred N. Thiessen	do	29. 48 12. 25
	W.T. Blythe	Traveling expenses	10.45
	Alex. G. McAdie	do	6.50 3.00
	E. T. Turner	do	10.89
	do do S. A. Potter Fred Albright E. D. Beattie Reading Paper Mills C. J. Oyler W. W. Whelan Addressograph Co Inland Type Foundry Simon Nusbaum, postmaster Grant Rivenberg Fred Taylor Robt, F. Holmes & Co Jas. Morrison, jr Johnson & Johnson Coe Bros Ferguson & Cooper Sydney & Hundley W. H. Ranney San Antonio Gas and Electric Co. Indianapolis Light and Power Co Tampa Electric Co E. A. Born Wm. Caldwell J. R. Wilson & Son J. F. Conrad Grocer Co. Yates & Co P. C. Shaw M. J. Greer Amelia McLean American Linen Supply Co R. A. Fessenden Alfred N. Thiessen W. T. Blythe T. Collins Alex. G. McAdie E. T. Turner E. C. Hobbs Orson Adams, jr Ella W. Daniels.	do	4, 50
	Urson Adams, Jr	Omce rent	120.00 87.50
	LIM 11 . Dallicis		87.30

te.	Name.	Nature of payment.	Tota
01.			
. 11	Prudential Building Co Jos. Gussenhoven T. M. Jeffris & Co. Edgar Harding Ed. S. Hughs & Co.	Office rent	\$13
	Jos. Gussenhoven	do:	90 100 81
	T. M. Jeffris & Co	do	100
	T.M. Jeffris & Co. Edgar Harding Ed. S. Hughs & Co. Pay roll, Harrisburg, Pa. Pay roll, New Haven, Conn. Pay roll, New Haven, Conn. Pay roll, Norfolk, Va. J. W. Branan Reading Paper Mills. The Friedenwald Co. Geo. Meier & Co. Alie Mawhirter United Typewriter and Supply Co. H. R. Holman R. Ganter	do	8
	Ed. S. Hughs & Co	do	106 76 48
	Pay roll, Harrisburg, Pa	Substation salaries	70
	Pay roll, New Haven, Conn	do	48
	Pay roll, Norfolk, Va	do	108
	J. W. Branan	Services	18 48
	Reading Paper Mills	Paper	4
	The Friedenwald Co	do	3
	Geo. Meier & Co	do Lithographic varnish Use of horse Repairing typewriter Repairing clock do Services Repar	1
	Alle Mawnirter	Use of horse	
	United Typewriter and Supply Co	Repairing typewriter	
	H. K. Holman	Repairing clock	
	H. R. Holman R. Ganter Iowa Telephone Co Chicago Telephone Co Northwestern Telephone Exchange Co Missouri and Kansas Telephone Co New York and Pennsylvania Telephone and Telegraph Co. Central Union Telephone Co Cumberland Telephone and Telegraph Co. do	do	1
	Iowa Telephone Co	Services	13
	Chicago Telephone Co		5
	Northwestern Telephone Exchange Co	do	
	Missouri and Kansas Telephone Co	Services	30
	New York and Pennsylvania Telephone	do	2
	and Telegraph Co.		
	Central Union Telephone Co	do	10
	Cumberland Telephone and Telegraph Co.	Rent	10
	do	Rent	10
	Southern States Telephone Co Southern Bell Telephone and Telegraph Co	do	;
	Southern Bell Telephone and Telegraph Co.	do	
10	do	do Traveling expensesdo Office expenses	13
12 13	Willis L. Moore Ferdinand J. Walz W. H. Fallon	Traveling expenses	4.
13	Ferdinand J. Walz	do	4.
	W. H. Fallon	Oince expenses	4.5
	E. H. Emery		13
	J. W. Bauer	<u>q</u> o	
	L. N. Jesunoisky		1 1
	P. McDonough	do	
	G. N. Wilson	ao	
	Jas. P. Bolton	d0	
	w. f. Failon J. W. Bauer J. W. Bauer L. N. Jesunofsky P. McDonough G. N. Wilson Jas P. Bolton Jas. Evans E. J. Kelliher	do do do Services do do Traveling expenses	
	E. J. Kelliher	do	18
* 0	Jno. T. Myers	do	15 25 15
16	Edgar B. Calvert	Traveling expenses	77
	Library bureau	Caras	17
	Jas. Evans E. J. Kelliher Jno. T. Myers Edgar B. Calvert Library bureau Z. D. Gilman Geo, C. Maynard J. C. Entwistle	Stopcocks	15
	Geo. C. Maynard	Telegraph service	19
	D. C. ElitWistle	Engraving	1,
	R. Carter Ballantyne	Pens	16
	Marianal Electrical Constant	Fauthon halting	6
	The Marrier Level Supply Co.	Electrotron pletos	,
	Ine Maurice Joyce Engraving Co	Man names	31
	Jno. C. Farker	Inhatanda ata	20
	Too D Tombio	Ctool and buses	779
	Michigan Welenhama Co	Pont	73
	do Michigan Telephone Co	do	
	Edgar B. Calvert Library bureau Z. D. Gilman Geo. C. Maynard J. C. Entwistle R. Carter Ballantyne Richard L. Lamb National Electrical Supply Co. The Maurice Joyce Engraving Co Jno. C. Parker do Jas. B. Lambie Michigan Telephone Co. Michigan Telephone Co. Pacific States Telephone and Telegraph Co.	do	i
	Pacific States Telephone and Telegraph	do	2:
	Co.		131
	l do	do	1
	do.	do	
	Columbia Telephone Co	do	
	do . Columbia Telephone Co do	do	10
	Nebraska Telephone Co	Services	1:
	do	Rent	1:
	Union Telephone Co The Central District and Printing Tele-	Rent Services	1
	The Central District and Printing Tele-	Rent	34
	graph Co.		-
	Cumberland Telephone and Telegraph Co.	do	29
	do	do	30
	Cumberland Electric Light and Power Co. Cumberland Telephone and Telegraph Co. Southern Bell Telephone and Telegraph	Electric current	1.
	Cumberland Telephone and Telegraph Co.	Rentdo	12
	Southern Bell Telephone and Telegraph	do	15 12 17
	Co.		
	do .	do	7
	do	do	10
	do	do do Services	4
	do	Rent	15
	The Bell Telephone Co. of Buffalo.	Rent	15 21
	The Bell Telephone Co. of Buffalo Sunset Telephone and Telegraph Co	Pont	12
	Hudson River Telephone Co.	do	15

Date.	Name.	Nature of payment.	Total
1901.			504
pr. 16	The Chesapeake and Potomac Telephone Co.	Rent	\$31.
	East Tennessee Telephone Co	Services	10.
	East Tennessee Telephone Co Black Hills Telegraph and Telephone Co	do	21. 21.
	The City and Suburban Telegraph Assn	do	9.
	The City and Suburban Telegraph Assn New England Telephone and Telegraph Co. Inter-State Telephone and Telegraph Co.	do	18.
	The Northwestern Telephone Exchange- Delaware and Atlantic Telegraph and	Rent	18.
	Delaware and Atlantic Telegraph and	Rent	12.
	Telephone Co. Missouri and Kansas Telephone Co	Services	9.
	Woolford Telephone Co	Rent	5.
	New York Telephone Co	Sorriges	60.
	M. T. Hayden	Washing towels	3.
	F. C. Nunemacher	Paper	5
	Gamble & Ludwig	Gasoline	91
	H Overholser	Office rent	$\frac{24}{127}$
	Roy G. Lewis	do	5
	Lorenzo Littlefield	do	64
•	Pacific Club	do	165 67
	American Surety Co. of New York.	do	625
	Henry Bolton	do	625 52 43
	Northwestern Mutual Life Insurance Co	ob	121
	Telephone Co. Missouri and Kansas Telephone Co Woolford Telephone Co New York Telephone Co Geo. W. Finch M. T. Hayden F. C. Nunemacher Gamble & Ludwig United Electric Light and Power Co. H. Overholser Roy G. Lewis Lorenzo Littlefield Albert Marty Pacific Club American Surety Co. of New York Henry Bolton. Real Estate and Law Building Co. Northwestern Mutual Life Insurance Co. Jas. L. Connell Jno. G. Brown H. H. Taylor, agent Portland Trust Co. of Oregon M. E. Conway City of Palestine, Tex Adam Geiger C. S. McLaury et al Warfield & Dann Lucke & Smith B. S. Williams J. L. Manning Margaret Parmentier Jno. Semer Lake Shore and Michigan Southern Rwy Co. Lower Coast Packets	do	118 75 322
	Jno. G. Brown	do	75
	H. H. Taylor, agent	do	322
	M E Conway	do	210 37
	City of Palestine, Tex	do	37 78
	Adam Geiger	do	60
	Warfield & Dann	do	69 75
	Lucke & Smith.	do	75
	B. S. Williams	do	73
	J. L. Manning	do	59 75
	Jno. Semer	do	75 114 3
	Lake Shore and Michigan Southern Rwy.	Transportation	3
	Co. Lower Coast Packets	do	
	New Bedford, Marthas Vineyard and Nan-	do	
	tucket Steamboat Co.		
	Wiscorsin Central R R Co	do	
	W. T. Cain	do	1
	Star Union Line	do	7
	The Oragon Short Line R. R. Co	do	2
	San Antonio and Aransas Pass Rwy. Co	do	
	Pennsylvania R. R. Co	do	1
	tucket Steamboat Co. New York, Chicago and St. Louis R. R. Co. Wisconsin Central R. R. Co. W. T. Cain The Union Line The Utah and Pacific R. R. Co. The Oregon Short Line R. R. Co. San Antonio and Aransas Pass Rwy. Co. Pennsylvania R. R. Co. Baltimore and Ohio R. R. Co. Cincinnati, New Orleans and Texas Pacific Rwy. Co.	do	
	Rwy. Co.		
	Rwy. Co. Michigan Central R. R. Co. do. St. Louis and Santa Fe R. R. Co. do. Duluth and Iron Range R. R. Co. Duluth, South Shore and Atlantic Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis Rwy Co. Chas. P. Meekins. The First National Bank of Moorhead.	do	1
	St Louis and Santa Fo P P Co	do	2
	dodo	do	4
	Duluth and Iron Range R. R. Co	do	1
	Duluth, South Shore and Atlantic Rwy. Co.	do	1
	Louis Rwy Co.	do	2
17	Chas. P. Meekins.	Rent of ground	7
	The First National Bank of Moorhead	Office rent	66
	Estate of Isaac Eberly	do	225 154
	Bank and Insurance Building Co	do	100
	Jas. K. Porter	do	150.
	H. S. Gilbert Co., treasurer	do	60. 67. 119.
	Geo. S. Waite	do	119
	The Marquette County Savings Bank	do	90.
	Homer W Styron	do	167.
	Louis Rwy Co. Chas. P. Meekins. The First National Bank of Moorhead W. D. Grant. Estate of Isaac Eberly Bank and Insurance Building Co. Jas. K. Porter. Kate F. Coke H. S. Gilbert Co., treasurer Geo. S. Waite The Marquette County Savings Bank Union Trust Building Co., Ltd Homer W. Styron Mary E. Shelden Amarillo Improvement Co. Mill Valley and Mount Tamalpais Scenic Rwy.	do	98
	Amarillo Improvement Co	do	38. 93. 30.
	Mill Valley and Mount Tamalnais Scenic	do	105.

ate.	Name.	Nature of payment.	Total.
901.			
r. 17	Alfred H. Thiessen	Traveling expenses	\$4. 4.: 3. 4.
	C. E. Hasse	do	4.:
	E. C. Hobbs	do	3.
	Norman B. Conger	do	4.
	L. H. Murdock	do	9.
	E. C. HOODS	Duinting anon nonont	84. 36. 70.
	R. H. Vornahl	do	50. 70
	E L Bristol	Printing monthly bulleting	12.
	Arizona Publishing Co	do	63.
	M. A. Graham	Washing towels	1
	C. W. Byrnes	do	3.
	J. F. Beck	do	3.
	Mary Fantleroy	do	1. 3.
	R. C. Warriner	do	3.
	Nashville Laundry Co	00	1.
	The American Toilet Supply Co	do	3.
	Baltimore Towel Supply Co	do	2. 2.
	Alfred H. Thiessen C. E. Hasse E. C. Hobbs Norman B. Conger L. H. Murdock E. C. Hobbs E. D. Beattie R. H. Vorpahl E. L. Bristol Arizona Publishing Co M. A. Graham C. W. Byrnes J. F. Beck Mary Fantleroy R. C. Warriner Nashville Laundry Co Omaha Towel Co The American Toilet Supply Co Baltimore Towel Supply Co Baltimore Towel Supply Co L. Pittock Thos. W. Pemberton Minnesota International Electric Co. Edison Sault Electric Co The Electric Co The Electric Co Charleston Consolidated Rwy., Gas, and Electric Co. Georgetown Electric Works Hoke Engraving Plate Co do Nashville Gas Co Buffalo Gas Co The Portland Gas Co New Orleans Gaslight Co People's Gaslight and Coke Co J. S. Allen W. H. H. Smith	Electric current.	9.
	H. L. Pittock	do	18.
	Thos. W. Pemberton	do	5. 15.
	Minnesota International Electric Co	do	15.
	Edison Sault Electric Co	do	16.
	Sprague Electric Co	do	15.
	Charleston Consolidated Pour Con and	do	4. 3.
	Electric Co		θ.
	Georgetown Electric Co	do	6
	Fort Wayne Electric Works	Supplies	6. 33.
	Hoke Engraving Plate Co	Recording plates	25.
	do	Stereotype metal	11.
	Nashville Gas Co	Gas	11.
	Buffalo Gas Co	do	8. 11.
	The Portland Gas Co	do	11.
	New Orleans Gaslight Co	do	17.
	People's Gaslight and Coke Co	do do Labor and material Use of horse and wagon Use of team Services and material.	17. 7. 25.
	J.S. Alien	Labor and material	zə.
	W. H. H. Smith	Use of horse and wagon	9.
	do W. J. May O. W. Morey J. J. Letron Alex. J. Pollock Valley Paper Co Chas. Bond Addressograph Co Jas. G. Biddle do Barnhart Bros. & Spindler Jno. A. Brashear S. H. Bowers Fels. Solis	Services and material	35. 15.
	O W Morey	Cleaning clock	1.
	J. J. Letron	Repairs to instrument shelter	13.
	Alex. J. Poliock	Repairs to rain gauge	62.
	Valley Paper Co	Paper	62.
	Chas. Bond	Cleaning clock Repairs to instrument shelter Repairs to rain gauge Paper Rawhide belt Addressograph Volt meter Batteries, etc Iron chase, etc Prism	3.
	Addressograph Co	Addressograph	6.
	Jas. G. Biddle	Volt meter	10.
	Powybout Dags & Carindles	Inon chase ata	180.
	Ino A Proches	Driem	170.
	S H Roware	Renairs to instrument shelters	1
	Fels. Solis	Flagstaff	1. 3.
	Board of Public Works, Sault Ste. Marie	Water	3. 7. 3.
	McEwin & Lanver	Wood	7.
	Feis, Soils Board of Public Works, Sault Ste. Marie McEwin & Lanver Chase Paint and Oil Co F. C. Nunemacher H. S. W. Wester	Wood Benzine Printing summary	3.
	F. C. Nunemacher	Printing summary	93.
	Henry Munson Samuels Transfer and Storage Co McCormick & Bates Pacific Transfer Co	Cleaning rugs Drayage Cartage	3. 1.
	Samuels Transfer and Storage Co	Drayage	1.
	Pacific Transfer Co		99.
	Santa Fe Prescott and Phonix Rwy Co	Passenger transportation	14
18	Western Union Telegraph Co	Telegraph service	13, 482.
10	Santa Fe, Prescott and Phoenix Rwy. Co. Western Union Telegraph Co. Baltimore and Ohio R. R. Co. Lake Shore and Michigan Southern Rwy.	Passenger transportation Telegraph service Passenger transportation do	12. 14. 13, 482. 12. 18.
	California Northwestern Prov. Co.	do ,	16.
	Atlantic and North Carolina P. P. Co.	do	9.
	Chesapeake and Ohio Rwy. Co California Northwestern Rwy. Co Atlantic and North Carolina R. R. Co Galveston, Houston and Northern Rwy. Co.		9. 2. 37.
	Norfolk and Southern Rwy, Co	Services do	4.
	L. Rogers	Services	4. 15. 15.
	L. Rogers Marcos Sanchez	do	15.
	H. F. Barnett H. F. Barnett Chicago, Burlington and Quincy R. R. Co Georgia Telephone and Telegraph Co. Southwestern Telegraph and Telephone Co Meridian Telephone Co.	Rent of land Telegraph services Rent	4.
	Chicago, Burlington and Quincy R. R. Co.	Telegraph services	4. 2. 10.
	Georgia Telephone and Telegraph Co	Rentdo Services	10. 9.

Date.	Name.	Nature of payment.	Total.
1901.			
Apr. 18	East Tennessee Telephone Co Southern Bell Telephone and Telegraph Co Michigan Telephone Co	Rent	ŝ9. (
	Southern Bell Telephone and Telegraph Co	Services	8.2 6.0
	Michigan Telephone Co.	Rent	6.0
	The Bell Telephone Co. of Missouri	Rentdo Electric light Electric light, etc Repairs to telegraph linesdodo	16.2 9.0
	E. A. Hughes Peninsular Electric Light and Power Co. Asa Church. Western Union Telegraph Co.	Electric light, etc	6.7
	Asa Church	Repairs to telegraph lines	3. (
	Western Union Telegraph Co	do	3. (20. (
	J. W. Holmes McCay Engineering Co Mill Valley and Mount Tamalpais Scenic	do	7. 8 3. 6
	McCay Engineering Co	Repairing electric wireCleaning office	3.6
	Mill Valley and Mount Tamalpais Scenic	Cleaning office	15.0
	Rwy. Co. Dietrich Bros. R. Y. Conrad. Robt, Oliver	Erecting towers	78.
	R V Corrad	Renairing typewriter	1.8
	Robt. Oliver	Wind vane	š. (
	C.B. Little: Consumers Ice Co Gethers & Dreberk Co. E. C. Sollers.	Erecting towers	11.0
	Consumers' Ice Co	Ice Printers' supplies	3.8 10.7
	Gethers & Dreberk Co	Printers' supplies	10.7
	E. C. Sollers	Use of team	23. (
	L. Rogers Statesmen Printing Co Dora Moyen	Use of team Use of horse and cart Printing bulletins Washing towels	30.6 76.8
	Dora Moven	Washing towels	6.0
*	do	do	6.0
	Geo. M. Hubinger Kentucky Steam Laundry	Towel service	3.0
	Kentucky Steam Laundry	do	1.8
	H. Brooker & Co	Kerosene oil	4.
	Kentucky Steam Laundry H. Brooker & Co N. S. McGee & Co Smith, Walker & Co Standard Oil Co W. U. Simons U. G. Purssell W. S. Palmer C. E. Hesse do Jas. Keneally C. E. Hesse G. W. Felger A. Zappone Universal Supply Co Harry Heilshorn California Truck Co P. H. Lannan	Towel service do Kerosene oil Coal Coal oil do Office expenses	7.
	Smith, Walker & Co	Coaloil	7.
	W II Simons	Office expenses	3.
	U.G. Purssell	do	1.
	W. S. Palmer	do	1.
	C. E. Hesse	do	57.
	do	do	4.
	Jas. Keneally	dodo	55.
	C. E. Hesse	do	14.
	G. W. Felger	do	14. 8. 21.
19	Universal Supply Co	Tuk	90
10	Harry Heilshorn	Painting shelters	9) (
	California Truck Co	Hauling	22.1
	P. H. Lannan Jas. F. Marek Flint & Walling Manufacturing Co	Printing bulletins	16. (
	Jas. F. Marek	do	11.0
	Flint & Walling Manufacturing Co	Express charges	3.5
	Wm. Roney. Michigan Telephone Co. Duluth Telephone Co. Southwestern Telegraph and Telephone Co. The Northwestern Telegraph Exchange.	do Ink Painting shelters Hauling Printing bulletins do Express charges Telephone rent do Telephone services Telephone services Telephone rent Telephone rent Telephone rent Telephone rent	6. (
	Duluth Telephone Co.	do	11.5 12.5
	Southwestern Telegraph and Telephone Co.	Telephone services	9, (
	The Northwestern Telegraph Exchange	Telephone rent	18. (
	R. L. Lewis Pacific States Telegraph and Telephone Co Southern Bell Telegraph and Telephone Co	Telephone services	20.1 18.0
	Pacific States Telegraph and Telephone Co	Telephone rent	18.0
	Southern Bell Telegraph and Telephone Co	do Telephone services Gas Electricity do	7.3
	Chandral Carral Ellertain C	Telephone services	7. 5 7. 5 12. 0
	Relaigh Floatric Co	Gas	12.0
	Lincoln Traction Co	do	5. 2 13. 3
	Bank of Tehama County	Office rent	99. (
	Jos. Bryan	do	150.0
	Catherine Wilson	do	140.8
	Chamber of Commerce Building Co	do	93.5
	Fanny L. Keating	do	90.
	W. M. WIISON	Office expenses	9. 1.
23	Pay roll Portland Oreg	Substation calaring	65.6
	Pay roll, New York, N. Y	do	35. (
	Pay roll, Shreveport, La	do	38.
	Pay roll, Vicksburg, Miss	do	38.8 87.0
	Pay roll, Philadelphia, Pa	do	38, 8
	Pay roll, Augusta, Ga	do	57. (
	Pay roll Charleston S C	00	114. (67. (
	do	00 do	67. (
	Pay roll, Pensacola, Fla	do	18.0 36.0 72.0
	Pay roll, Wilmington, S. C	do	- 72.0
	Chas. P. Blackly	Services	9.0
	N. W. Wagner	do	21. 0 15. 0
	VAT TD TD1	30	15 (
	W. I. I urbeville	ao	19.0
	B. F. Modisett	do	30.0
	Pacific States Telegraph and Telephone Co Southern Bell Telegraph and Telephone Co do do Telegraph and Telephone Co Raleigh Electric Co Lincoln Traction Co Bank of Tehama County Jos. Bryan. Catherine Wilson Chamber of Commerce Building Co Fanny L. Keating W. M. Wilson W. M. Dudley Pay roll, Portland, Oreg Pay roll, Portland, Oreg Pay roll, New York, N. Y Pay roll, Shreveport, La Pay roll, Shreveport, La Pay roll, Hniladelphia, Pa Pay roll, Atlanta, Ga Pay roll, Atlanta, Ga Pay roll, Charleston, S. C do Day roll, Pensacola, Fia Pay roll, Wilmington, S. C Chas, P. Blackly N. W. Wagner W. T. Turbeville B. F. Modisett Thos, A. Boon Una V. Hendrix C. P. Disney	dodododo	30. 30. 21.

Date.	Name.	Nature of payment.	Total.
1901.			
Apr. 23	R. W. Clement	Services	\$10.10
24	Ch. Ebbighausen D. F. Webber	do	4.25
	L. C. Ballard	do	4. 25 4. 25
	D. Frank Thompson Pay roll, Cincinnati, Ohio	do	4. 25
	Pay roll, Cincinnati, Ohio	Substation, salaries	186.00
	Pay roll, La Crosse, Wis	dodo	63.00
	Alex. G. McAdie Geo. E. Grimes	Office expensesdo	1.65
	Geo. E. Franklin	do	. 75 3. 70
	W. E. Hartwig	Traveling expenses	9.35
	Ernst T. Giers.	do	9.85
	Fred. A. Schmidtdodo	Relief maps	720.00 58.00
	Jas. B. Lambie	Machine screws	1.04
	Richd. L. Lamb	Dating stamps	10.80
	Robt. B. Caverly The Maurice Joyce Engraving Co	Repairs to faucet	1.50
	P. Cartor Rollantyro	Engraving plates	6, 50 64, 50
	R. Carter Ballantyne The Cleveland Telephone Co	Rent	18.00
	Western Union Telegraph Co Flint & Walling Manufacturing Co	Repairs	11.10
	Flint & Walling Manufacturing Co	Signal towers	408.00
	J.P. Nawrath Meteorological Council Paine Bros. Tacoma Chamber of Commerce and Board	Sponges	9.90
	Paine Bros	Compilation of telegrams Office rent	8. 88 73. 95
	Tacoma Chamber of Commerce and Board	do	60.00
	of Trade.		
	Society of Savings	do	285. 00
26	Southern Rwy. Co Norfolk and Southern R. R. Co	Transportation	3.54 2.90
	Barnhart Bros. & Spindler	Passenger transportation. Brass rule	4.20
	do *		1.15
	Wisconsin Telephone Co. The Colorado Telephone Co. Sunset Telephone and Telegraph Co. People's Telephone and Telegraph Co. East Tennessee Telephone Co. The Colorado Telephone Co.	Service	18.00
	Support Tolophone and Tolograph Co	Rent	13.50
	People's Telephone and Telegraph Co	do	6.00 7.50
	East Tennessee Telephone Co	do	9.00
	The Colorado Telephone Co	do	22.50
	F. G. Blaisdelldo	Telephone service	8.63 9.00
	Consolidated Gas Co	Gas	1.54
	M O'Connor	Sevices	10.00
	The Silver States Towel Supply Co Jas. G. Biddle	Towel service	2.25
	Port Royal Dock Co.	Ammeter	27.50 17.19
	Wild & Stevens	Printing supplies	2.25 27.50 17.12 3.60 17.74 1.50
	Eimer & Amend	Printing supplies Glass tubing, etc Cleaning clock	17.74
	The Model Drug and Jewelry Co	Cleaning clock	1.50
	The Model Drug and Jewelry Co Carter, Rice & Co. (corporation) Mill Valley and Mount Tamalpais Scenic	PaperLaying cable	56.00 14.00
	Rwy.	Laying cable	14.00
	G B Chadwick & Co	Erecting tower	50.00
	Emma Ling	Cleaning office	10.00
	E. L. Page Adelbert A. Bolles	Haulingdo	5. 75 6. 00
	A. E. Hackett	Office expenses	4.70
	Edw. A. Beals	do	3. 35
	Edw. A. Beals L. M. Tarr	do	9.50
	P. H. Smyth	do	1.75
	Eliz L. Renoe W. T. Blythe	dodo	4. 25 11. 95
	C. F. R. Wappenhaus	do	3.90
	C. F. R. Wappenhaus Geo. M. Chappel	Traveling expenses	5.75
077	Chas. E. Holmes Houston and Texas Central R. R. Co	do	14.70
27	dodo	dodo	27. 06 23. 45
	Hocking Valley Rwy. Co.	do	5.00
	Hocking Valley Rwy. Co Delaware, Lackawanna and Western R. R.	do	7.00
			19.00
	Michigan Central R. R. Co.	do.	13. 20 12. 89
	Co. Hilinois Central R. R. Co. Michigan Central R. R. Co. The Missouri Pacific Rwy. Co.	do	24.80
	Norfolk and Southern Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co.	do	1.45
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	12.45
	Fort Worth and Denver City Rwy. Co Staunton Mutual Telephone Co	Telephone service	23. 70 37. 50
	Cumberland Telephone and Telegraph Co-	terebuone ser vice	44.50
	Alabama, Mississippi and Tennessee Tele-		6.50
	phone Co. Alabama and Georgia Long Distance Tele-		16.80
		110	10.80

Date.	Name.	Nature of payment.	Total.
1901.			
Apr. 27	East Tennessee Telephone Co	Telephone service	\$31.00 15.00
	Almo Telephone Co	do	6.00
	Minneapolis, St. Paul and Sault Ste. Marie	do	22.61
	Rwy. Co. W. H. Holmes Dakota Central Telephone Lines Conveiligand Fastern R. R. Co.		0.00
	W. H. Holmes	Telegraph service	6.00 155.61
	Corvallis and Eastern R. R. Co	Telegraph service.	2.60
	Rocky Mountain Bell Telephone Co	Telephone service	14 08
	Rising Sun Telephone Co	do	2.60
	Dakota Central Telephone Lines Corvallis and Eastern R. R. Co Rocky Mountain Bell Telephone Co Rising Sun Telephone Co Josie G. Smith Geo. F. Lozier Jno. Stack Goo. Diversity	Gorvices Gorvices Gorvices Gorvices Lron stovepipe Services Use of team Services Abita grata	2.60 7.00 12.00
	Jno. Stack	Painting	10.00
	Geo. Draper	Iron stovepipe	. 95
	Jas. Hunter W. H. Smith Isaac Quinn	Services	4.50
	Isaac Quinn	Services	19.50 1.50
	H.J. Ledoux	Abita water	3.24
20	Sunset Photo. Engraving Co	Half-tone plates	12.60
30	H. J. Ledoux Sunset Photo. Engraving Co W. F. R. Phillips et al B. F. Larcombe et al	Half-tone plates Salariesdo	3. 24 12. 60 272. 00 2, 752. 98
May 2	Pay roll, Cairo, Ill	Substation, salaries	121.95
	Pay roll, Cairo, Ill Pay roll, Chattanooga, Tenn Pay roll, Baltimore, Md Pay roll, Portland, Oreg Pay roll, New Orleans, La Albert Brand T. S. Outram	Substation, salariesdo	163.70 45.00
	Pay roll, Baltimore, Md	do	45.00 75.00
	Pay roll, New Orleans, La	dodo	84.00
	Albert Brand	Office expenses	59, 97
	T. S. Outram	do Office expenses do Traveling expenses Services do	3.28 10.75
	J. W. Gorman Michigan Telephone Co	Services	8.00
	Michigan Telephone Co.	do	6.00
		ao	20.00
	Miami Telephone Co	Rent	3. 01 21. 00 10. 94
	Cumberland Telephone and Telegraph Co- Barnhart Bros. & Spindler Chas. Eneu Johnson & Co	Type Lithographing ink Rubber stamps	10.94
	Chas. Eneu Johnson & Co	Lithographing ink	107. ā0
	J. Baumgarten & Sonsdo	Rubber stamps	. 84
	W. H. Renear	Use of horse and wagon	. 84 2. 48 2. 00
	Clarke & Co	Copyholder Letter press, etc Pins	2.00
	Jno. C. Parker	Letter press, etc	16. 50
	R. Carter Ballantyne	Paper	3.52 24.00
	Jas. B. Lambie	Paper Wire rope Rags	3.00
	Broderick Bros	Rags	14.00
3	Pay roll, Little Rock, Ark	Oil Substation, salaries do Office expenses	5.83 9.00
	do	do	42.00
	do W. H. Renear Clarke & Co Jno. C. Parker do R. Carter Ballantyne Jas. B. Lambie Broderick Bros Standard Oil Co Pay roll, Little Rock, Ark do A. J. Mitchell S. L. Dosher	Office expenses	3, 35
	A. J. Mitchell S. L. Dosher W. M. Fulton Jos. Sands E. B. Richards W. S. Beldin Wm. G. Burns R. G. Allen T. J. Walz D. C. Grunow Edw. A. Beals	do	10.50 5.25
	Jos. Sands	do	1.00 10.75 7.31 2.40
	E. B. Richards	do	10.75
	Wm G Burns	do	7.31 2.40
	R. G. Allen	do	14.60
	T. J. Walz	Traveling expenses	13.50
	Edw. A. Beals	do	6.20
	New York and Pennsylvania Telephone and Telegraph Co. Southern Bell Telephone and Telegraph	Telephone rent	46. 25 6. 75
	and Telegraph Co.		
	Co. Southern Bell Telephone and Telegraph	do	12.00
	Geo. Meier & Co	Gum arabic	2.20
	American Type Founders Co	Staples	25,00
	Halza Enguering Plata Co	Towel service	3. 75 62. 50
	do	Stereotype metal	11.00
	do	Recoating plates	62.50
6	Pay roll, Montgomery, Ala	Substation salaries	149.00
	Pay roll, Sayannah, Ga	do	71.25 61.00
	Pay roll, Parkersburg, W. Va	do	136.50
	Pay roll. Pittsburg, Pa	do	304.00
	R. S. Pagne	Traveling expenses	4.00
	Co. Geo. Meier & Co. American Type Founders Co. Danl. W. King Hoke Engraving Plate Co. dodo Pay roll. Montgomery, Ala. Pay roll. Montgomery, Ala. Pay roll. Savannah, Ga. Pay roll. Parkersburg, W. Va. Pay roll. Pittsburg, Pa. F. H. Clarke. B. S. Pagne. J. C. Piercy E. C. Vose Robt. G. Gillum.	Office expenses	23, 00 1, 00
	E. C. Vose Robt. G. Gillum H. G. Lichty	do	6.92
	D. L. C. C. C.	Services Cleaning office	9.00

Date.	Name.	Nature of payment.	Total.
1901.			
ay 6	Otto Gunderson Western Union Telegraph Co Flint and Walling Manutacturing Co Wm. Lory M. M. Laidley Johnston Barrett Pay roll, Fort Smith, Ark Pay roll, Raleigh, N. C Pay roll, Nashville, Tenn Pay roll, Jacksonville, Fla Pay roll, St. Louis, Mo C. F Marvin Chas, V. Richey Improvement Loan and Trust Co Simon W. Everitt	Cleaning carpets, etc	\$5. 137. 22. 14.
0	Western Union Telegraph Co	Services Steel flagstaff Services	137.
	Fint and Walling Manufacturing Co	Steel flagstaff	22.
9	M M Leidley	Servicesdo	91
	Johnston Rarrett	do	21
	Pay roll Fort Smith Ark	Substation salaries	39
	Pay roll, Raleigh, N. C.	do	83
	Pay roll, Nashville, Tenn	dododo	58. 75. 122.
	Pay roll, Jacksonville, Fla	do	75
	Pay roll, St. Louis, Mo	Traveling expensesdo	122
	C. F Marvin	Traveling expenses	- 11
	Chas. V. Richey	and	150
	Improvement Loan and Trust Co	Omce rent	190
	Front D Minealo	do	8 105
	Ohio River Telephone Co	do Telephone service Telephone rent do do Desk, etc	5
	Bocky Mountain Bell Telephone Co	Telephone rent	9
	Sunset Telephone and Telegraph Co	do	15
	New England Telephone and Telegraph Co.	do	14
	W. B. Moses and Sons	Desk, etc.	55
	Wm. H. Dyer	Sawdust	1
	M. Du Perow	Wire	6
	J. W. Jordan & Co	Milliograph roller	10
	W. G. Duckett	Palm oil	13
	M. G. Coneland & Co.	Flore	51
	Improvement Loan and Trust Co Simon W. Everitt Frank D. Miracle Ohio River Telephone Co Rocky Mountain Bell Telephone Co. Sunset Telephone and Telegraph Co. New England Telephone and Telegraph Co. W. B. Moses and Sons Wm. H. Dyer M. Du Perow J. W. Jordan & Co. W. G. Duckett The Maurice Joyce Engraving Co. M. G. Copeland & Co. Mackall Bros United Typewriter and Supplies Co Johnson & Joknson Robt. D. Willson	Sawuust Wire Milliograph roller Palm oil "Fog studies," etc Flags Glycerin Platen	51
	United Typewriter and Supplies Co	Wood Heater, etc Repairing rain gauge Repairing clock Repairing office Logatyres	2
	Johnson & Johnson	Wood	18
	Robt. D. Willson	Heater, etc	18
	W.R.Prowell	Repairing rain gauge	5 2 9
	F. D. Day & Co.	Repairing clock	2
	J. H. McInnes	Repairing office	9
	American Type Founders Co	Logotypes Installing electric generator	3,960
	Poht Tyler	Printing bulleting	12
	A B Wood	Washing towels	3
	Robt. D. Willson W. R. Prowell F. D. Day & Co J. H. McInnes American Type Founders Co National Electrical Supply Co Robt. Tyler A. B. Wood Oregon Short Line R. Co Norfolk and Washington, D. C., Steam- boat Co. (Galyeston Gas Co	Printing bulletins Washing towels Passenger transportation	37
	Norfolk and Washington, D. C., Steam-	do	3
	boat Co.		
	Galveston Gas Co	Gas	18
10	Chas M Strong	Office expenses	30
10	G N Saliebury	do	ê
	J. B. Marbury	do	ì
	C. P. Cronk	do	4
	S. M. Blandford	do	4
	Orris W. Roberts	do	1
	1. M. Cline	do	6
	R. J. Hyatt	do	20
	K. A. ressenden	Traveling expenses	25
	Pay roll Harrichurg Pa	Substations salaries	14
	Pay roll, Boston, Mass	do	691
	Pay roll, New Orleans, La	do	52
	Wm. Hengerier	Linoleum	4
	do	Laying carpet	4
	Peter Gray	Lanterns	2,177 12 12
	Norwich University	Heat and light	12
	Coo Duenon	Cool oil	14
	Geo Watte	Running cable	ê
	W. E. Saffold	Repairing clock	j
	The Kelleys Island Line and Transport Co.	Services	8
	Norfolk and Washington, D. C., Steamboat Co. Galveston Gas Co Max Levy. Chas M. Strong G. N. Salisbury J. B. Marbury C. P. Cronk S. M. Blandford Orris W. Roberts I. M. Cline R. J. Hyatt R. A. Fessenden W. M. Wilson Pay roll, Boston, Mass Pay roll, New Orleans, La. Wm. Hengerier do Peter Gray Norwich University do Geo. Draper Geo. Watts W. E. Salfold The Kelleys Island Line and Transport Co. Allen Carpet Cleaning Co. Potter Bros. C. F. Hammond, postmaster	Cleaning rug	1
	Potter Bros	Pulley blocks	1
	C. F. Hammond, postmaster	Stamps	1
	Southwestern Telegraph and Telephone	do Linoleum Laying carpet Lanterns Heat and light do Coal oil Running cable Repairing clock Services Cleaning rug Pulley blocks Stamps Service	12
	CO.	do	144
	Cumperland Telephone and Telegraph Co.		18
	The Control District and Drinting Tole		10
	Cumberland Telephone and Telegraph Co- The Central District and Printing Tele-		
11	The Central District and Printing Telegraph Co. Pay roll, Galveston, Tex	Substation salaries	30
11	The Central District and Printing Telegraph Co. Pay roll, Galveston, Tex Pay roll, New York, N. V	Substation salariesdo	35
11	The Central District and Printing Tele- graph Co. Pay roll, Galveston, Tex. Pay roll, New York, N. Y. Pay roll, Portland, Me.	Substation salaries.,dodo	35 75
11	The Central District and Printing Telegraph Co. Pay roll, Galveston, Tex Pay roll, New York, N. Y. Pay roll, Portland, Me. Yates & Co	Substation salariesdodoBenzine	35 75 1
11	The Central District and Printing Telegraph Co. Pay roll, Galveston, Tex Pay roll, New York, N. Y. Pay roll, Portland, Me. Yates & Co Philip Lindemeyer Simon W. Everitt Fred Springmann	Substation salariesdododobenzine Pad ink Office rent Transportation	30 35 75 1 18 8

Date.	Name.	Nature of payment.	Total
.901.			
ay 11 13	Fred Springmann United States Express Co do Adams Express Co do	Transportation	\$12 35
13	United States Express Co	do	35
	do	do	31 60
	Adams Express Co	do	60
	do	do	48.
	do	do	9
	do	do	29 18
	do	do	14
	Soth Scholl	Rengiring river gauge	5
17	Willis L. Moore	Traveling evnenses	12
1.	Fredk Springmann	Transportation	12 12
21	Queen & Co., Incorporated	Induction coil	200
	Potter Bros	Padlock	. 1.
	Ray Munroe	Use team, etc	10
	Honeyman, DeHart & Co	Iron wire, etc	11
	The VanBibber Roller Co	Casting rollers, etc	4
	M. Cotter	Wood	5.
	P. H. Cheney & Sons	Lantern support	9.
	C. H. Davidson	Carpet sweeper	2
	The First National Bank	Omce rent	126
	W W Griggs & Son	Gasoline etc	2 2
	do do do do do Seth Schell Willis L. Moore Fredk. Springmann Queen & Co., Incorporated Potter Bros Ray Munroe Honeyman, DeHart & Co The VanBibber Roller Co M. Cotter P. H. Cheney & Sons C. H. Davidson The First National Bank Jas. G. Biddle W. W. Griggs & Son Chippewa Hardware Co Seneca Falls Manufacturing Co do Flint & Walling Manufacturing Co	Brooms	2
	Seneca Falls Manufacturing Co	Lathe tool, etc. Lathe tools, etc. Storm warning towers. Printing bulletins.	
	do	Lathe tools, etc	177
	Flint & Walling Manufacturing Co	Storm warning towers	86
	East Florida Printing Co	Printing bulletins	39
	E. D. Beattie	do	36
	Statesman Printing Co	Printing annual summary	44
	Bennett Printing House	Printing othletinsdo Printing annual summary Printing unual summary do Binding reports Binding forms. Washing towels, etc Painting instrument shelter Renaiting instrument shelter	20
	Joseph F. Marek	do	13.
	G. H. Boughman	Binding reports	1
	W. N. McPhail	Binding forms	
	E. F. Kull	wasning towers, etc	3
	W T Paul	Painting instrument sneiter	
	A T Toolsgop	Repairing instrument shelter Erecting instrument shelter	9
	W H Smith	Use team	8. 58.
	Sunset Telephone and Telegraph Co	Rent telephone	4
	North Montana Telephone Co	Telephone services	21
	Pacific States Telephone and Telegraph Co.	Telephone rent	25
	Seneca Falls Manufacturing Codo Go. Flint & Walling Manufacturing Co East Florida Printing Co East Florida Printing Co Statesman Printing Co Bennett Printing House Joseph F. Marek G. H. Boughman W. N. McPhail E. F. Ruff Fred. Bamford & Co W. J. Beck A. J. Jackson W. H. Smith Sunset Telephone and Telegraph Co. North Montana Telephone Co Pacific States Telephone and Telegraph Co. Alabama and Georgia Long Distance Telephone Co	Use team Rent telephone Telephone services Telephone rent Telephone service	14.
	Aurora and Friendship Telephone Line Pacific States Telephone and Telegraph Co- Isle of Wight Telephone and Telegraph Co- Pacific States Telephone and Telegraph Co- Winton Telegraph Co- Jacksonville and St. Johns Bar Telegraph	do	7.
	Facing States Telephone and Telegraph Co.	do	5.
	Pacific States Telephone and Telegraph Co.	Telegraph service	9
	Winter Telegraph Co.	do	2
	Jacksonville and St. Johns Bar Telegraph	do	8
	Line.		0
	Philadelphia, Reading and Pottsville Tele-	do	10
	graph Co. Enterprise Telegraph Co. Minneapolis, St. Paul and Sault. Ste. Marie	do	12.
	Minneapolis, St. Paul and Sault. Ste. Marie	do	9
	Rwy. Co.		200
	International Ocean Telegraph Co	do	260
	Rwy. Co. International Ocean Telegraph Co. Western Union Telegraph Co. Pay roll, Galveston, La. Pay roll, Richmond, Va. Pay roll, Atlanta, Ga. Pay roll, Montgomery, Ala Alfred H. Thiessen E. R. Demain J. C. Hayden	Carbotation colori-	149
	Pay roll Richmond Va	Substation salaries	149 27 6
	Pay roll Atlanta Ga	do	14
	Pay roll, Montgomery Ala	do	30
	Alfred H. Thiessen	Office expenses	29
	E. R. Demain	do	16
	J. C. Hayden	do	1.
	Frank Jermin	Traveling expenses	12
	Alfred H. Thiessen	do	6.
	W. W. De Lano	Services	1. 12. 6. 5.
23	P. P. Clarko & Co.	Willings	9.
40	Michael O'Leary	Sand	1.
	Library Bureau	Oak appa	1.
	Norfolk and Washington Steamhort Co	Transportation	8. 7.
	Mittag & Volger	Carbon paper	138.
	Jas. B. Lambie	Files etc	198.
	Geo. F. Muth & Co	Draftsmens' pins	32. 2. 25.
	E. R. Demain J. C. Hayden Frank Jermin Alfred H. Thiessen W. W. De Lano Lizzie A. Chidester R. P. Clarke & Co Michael O'Leary Library Bureau Norfolk and Washington Steamboat Co Mittag & Volger Jas. B. Lambie Geo. F. Muth & Co Lawyer & Wagner Union Typewriter and Supplies Co J. Edw. Turton Wm. H. Dyer	Camera	25
	TT-1 D	Pleton eta	2. 17.
	Union Typewriter and Supplies Co	r laten, etc	

te.	Name.	Nature of payment.	Tota
1.			
ay 23	Mackall Bros	Paraffin Drawing paper	s
	Fred A. Schmidt National Electrical Supply Co E. B. Calvert Postal Telegraph Cable Co	Drawing paper	\$
	National Electrical Supply Co	Knife, etc	
	E. B. Calvert	Traveling expenses	
	Postal Telegraph Cable Co	Telegraph service	3
	do	do	23
	United States Express Co	Transportation	
	Standard Oil Co	Benzine	
	Southern Kwy, Co	Passenger transportation	3
	do	Transportation	1
29	United States Express Co Standard Oil Co Southern Rwy. Co do do Pere Marquette R. R. Co	Drawing paper Knife, etc Traveling expenses Telegraph servicedo Transportation Benzine Passenger transportationdo Transportationdo do do	1
	do	do	1
	do do do Mohawk and Malone R. R. Co Boston and Albany R. R. Co Boston and Maine R. R. Co Fremont, Elkhorn and Missouri Valley	do	
	do	do	
	Mohawk and Malone R. R. Co	do	
	Boston and Albany R. R. Co	do	
	Boston and Maine R. R. Co	do	
	R. R. Co.	ao	
	Michigan Control P. P. Co	do	
	St. Louis and San Francisco R. R. Co	do	11
	Sayannah and Florida Western R. R. Co	do	1
	Virginia and Truckee R. R. Co.	do	
	Michigan Central R. R. Co Michigan Central R. R. Co St. Louis and San Francisco R. R. Co Savannah and Florida Western R. R. Co Virginia and Truckee R. R. Co Wisconsin Central Rwy. Co Richmond, Fredericksburg and Potomac	do	
	Richmond, Fredericksburg and Potomac	do	
	R. R. Co.		
	do	do	
	M-hil 1 Ohi- D. D. C.		
	R. R. CO. do do Mobile and Ohio R. R. Co St. Louis and North Arkansas R. R. Co. New York Central and Hudson River R. R.	do	
	Now York Control and Hudson River R R	do	
	(lessee).		
	Wisconsin Central Rwy, Co	do	
- 4	Cincinnati, Hamilton and Dayton Rwy. Co.	do	
	Ulster and Delaware R. R. Co	do	
	International and Great Northern R. R. Co.	do	;
	The Hocking Valley Rwy. Co	do	
	Arnold Transportation Co	do	
	Chicago and Northwestern R.w. Co	do	
	do	do	
	do	do	
	do	do	
	Missouri Pacific Rwy. Co	do	
	do	do	13
	II do	do	1.
	narry E. Overstreet	do	1.
	Star Union Line	do	
	do	do	11
	Drain Coos Bay Stage Co	do	
	New York Central and Hudson River R. R. (lessee). Wisconsin Central Rwy. Co Cincinnati, Hamilton and Dayton Rwy. Co Ulster and Delaware R. R. Co International and Great Northern R. R. Co The Hocking Valley Rwy. Co. Arnold Transportation Co. Lake Erie and Western R. R. Co Chicago and Northwestern Rwy. Co. do do do do Hissouri Pacific Rwy. Co. do Harry E. Overstreet do Cstar Union Line do Drain Coos Bay Stage Co Central R. R. Co. of New Jersey do Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. do Chesaneake and Ohio Rwy. Co.	do	19
	do	do	4
	Cleveland, Cincinnati, Chicago and St.	do	4
	Louis Rwy. Co.	3.0	
	Characasta and Ohia D C-	00	4
	do	do	18
	do	do	16
	Chicago, Rock Island and Pacific Rwy Co	do	1.
	do	do	13
	do	do	
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	-
	do	do	, I
	do	00	<i>B</i>
	do	do	-
	Louisville Evansville and St. Louis Con	do]
	solidated R. R. Co		
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. do. Chesapeake and Ohio Rwy. Co. do. do. Chicago, Rock Island and Pacific Rwy. Co. do. do. Chicago, Milwaukee and St. Paul Rwy. Co. do. do. do. do. Louisville, Evansville and St. Louis Consolidated R. R. Co. do. do. do. do.	do	
	Louisville and Nashville R. R. Co	do	
	do	do	10
	do	do	
	do	do	,
	- do - do - do - Chicago, Burlington and Quincy R. R. Co - Galveston, Houston and Northern Rwy. Co - Grand Rapids and Indiana Rwy. Co - do - The Colorado Southern Rwy. Co	do	
	Carveston, Houston and Northern Kwy.Co.	do	4
	Grand Rapids and Indiana Kwy. Co	do	

Date.	Name.	Nature of payment.	Total.
1901. ay 29	Delaware and Hudson Co	Transportation	\$17.0
ay wa	do	do	1.
	New York Central and Hudson River R.R.Co. New York, Ogdensburg and Watertown	do	2.
	R. K. Co. New York Ordensburg and Watertown	do	
	Rwy. Co.		
	Norfolk and Southern R. R. Co	do	- ',
	New York, Ogdensburg and Watertown Rwy, Co. Norfolk and Southern R. R. CodoQueen Anne's R. R. CoSan Antonio and Aransas Pass Rwy. Co. Illinois Central R. R. Codododododododo.	do	:
	San Antonio and Aransas Pass Rwy. Co	do	1.8
	Illinois Central R. R. Co	do	2.8
	Pennsylvania R. R. Co	do	ĩ. s
	do	do	
	OO	do	6.
	do	do	4.
	do	do	1.
	do	do	
	do	do	
4	do	do	
	do	do	1.
	do	do	1.
	do	do	
31	do do W. F. R. Phillips et al. B. F. Larrombe et al.	Salaries	281.
	N. Larcombe et al. P. S. Pagne Ohio River R. R. Co Peoples' Telephone Co. Chicago. Burlington and Quincy R. R. Co. Cincinnati, Hamilton and Dayton R. R. Co. Oregon Short Line R. E. Co. Pennsylvania R. R. Co. Southern Pacific Co. Universal Supply Co. The Oregon R. R. and Navigation Co. Chesapeake and Ohio Rwy. Co. Geo. Meier & Co. Geo. B. Wurtz C. B. Wentzell J. S. Hazen J. W. Smith Boston and Maine R. R. Co.	do Office expenses Telegraph services Telegraph services Telegraph services	2,698. 21.
	Ohio River B. R. Co	Telegraph services	21. 2.
	Peoples' Telephone Co	Telephone services	2. 5.
	Chicago, Burlington and Quincy R. R. Co.	Telegraph services	2. 6.
	Oregon Short Line R. R. Co.	Passenger transportationdo	19.
	Pennsylvania R. R. Co	do	16.
	Universal Supply Co	do 	9. 2.
	The Oregon R. R. and Navigation Co	Passenger transportation do Litho varnish Traveling expenses	42.
	Chesapeake and Ohio Rwy. Co	Lith a mannish	55.
	Geo. B. Wurtz	Traveling expenses	16. 6.
	C. B. Wentzell	Office expenses Traveling expenses Passenger transportation	4
	J. S. Hazen	Office expenses	1. 1.
	Boston and Maine R. R. Co	Passenger transportation	2.
9	Northern Pacific Rwy. Co Union Pacific R. R. Co	do	52
	G E Stechert	London Electrician	43.
	G. E. Stechert The J. F. W. Dorman Cododo	Rubber type	43. 6. 257.
	do	Paper bags	25.
	Atlantic Coast Line R. R. Co	Passenger transportation	4. 6.
	Atlantic Coast Line R. R. Co H. C. Bate Alfred H. Theissen	Passenger transportation Traveling expenses Office expenses	6.
	do :		38. 32.
	R. A. Fessenden	do	20.
	R. A. Fessenden Pay roll, Boston, Mass Jno. A. Richards, deceased	Substations salary Services	36.
	Zetta Higgins	do Services	30. 30.
- 0	Zetta Higgins Meteorological Council Julien P. Friez	Compilations of telegrams	3.
	Julien P. Friez	Repairs to anemometers	375. 11.
	Schneider Bros The Friedenwald Co The Maurice Joyce Engraving Co	Kid skins, etc. Paper wrappers	280.
ne 1	The Maurice Joyce Engraving Co	Electrotype plates	54.
	Union Typewriter and Supplies Co	Logotypes	44.
	National Electrical Supply Co	Tape	2. 7.
	odo Union Typewriter and Supplies Co. National Electrical Supply Co. Broderick Bros. J. C. Entwistle	Electrotype plates Logotypes Platen Tape Rags	14. 7.
	Wm. Ballantyne & Sons	Trigonometric tables	7. 3.
	J. C. Entwistle Wm. Ballantyne & Sons Jas. B. Lambie do	Rags Engraving Trigonometric tables Wrenches, etc Auger, etc Cardboard Paper Letter press	14.
	Inc C Paykon	Auger, etc	290.
	Jno. C. Parker do	Paper	290. 1 658
	do	Letter press	1,658. 22. 5.
	Standard Oil Co	Oil Traveling expenses do Transportation	5.
	Jno. J. Games J. W. Smith Star Union Line	do do	$\frac{4}{7}$.
4	Star Union Line	Transportation	

Tota	Nature of payment.	Name.
\$1	Transportation	Star Union Line.
	100	
	do	do Lake Shore and Michigan Southern Rwy.
	độ	CododoWabash R. R. Cododododododododlinois Central R. R. Co.
	do	do
	do	Wabash R. R. Co
	do	do
	do	Illinois Central R. R. Co
	do	do
	do	
	do	,do
	do	do The Atchison, Topeka and Santa Fe Rwy.
3	do	dodododododododododododad Gulf R. R. Codadddddd .
	do	Pennsylvania Co
	do	Choctaw, Oklahoma and Gulf R. R. Co
	do	Hannibal and St. Joseph R. R. Co
	do	Goodell & Gray Chicago, Indianapolis and Louisville Rwy.
		Co.
	do	Cleveland Lorgin and Wheeling Rwy Co.
	do	Columbia Southern Rwy.Co. Steamer G. W. Danielson
	do	Steamer G. W. Danielson
	do	Erie R. R. Co Fremont, Elkhorn and Missouri Valley
		R. R. Co
	do	Lehigh Valley R. R. Co
	do	Lehigh Valley R. R. Co Steamboat Burnside Goodrich Transportation Co
	do	F. W. Vogler
	do	Chattanooga, Rome and Southern R. R. Co.
2	do	GOOGREEN TRANSPORTATION CO. F. W. Vogler Chattanooga, Rome and Southern R. R. Co. Florida East Coast Rwy. Co. Kansas City, Fort Scott and Memphis R. R.
,	do	Co.
	do	Dittahung Cinginnati Chiagga and Ct
	a'-	Louis Rwy. Co.
	do	The Rio Grande Western Rwy Co
	do	Saranac and Lake Placid R. R. Co
5	do	Norfolk and Western Rwy. Co
	do	Louis Rwy. Co. Pittsburg and Western Rwy. Co. Pittsburg and Western Rwy. Co. Saranac and Lake Placid R. R. Co. Norfolk and Western Rwy. Co. Peninsular and Occidental S. S. Co. Nashville, Chattanooga and St. Louis Rwy.
		Co.
4	do	O
1	do	Duluth, South Shore and Atlantic Rwy. Co
	do	Sayannah, Florida and Western Rwy Co
	do	Terre Haute and Indianapolis R. R. Co
2]	Substation salaries	Pay roll, San Francisco, Cal
4	Services	C R Wantzell
4	Traveling expenses	H. B. Hersey
13	do	I. M. Cline
٤	do	
42	do	W. J. Olds Ed. A. Beals Lucius A. Welsh E. B. Richards Fred. J. Gosewisch
42	do	Lucius A. Welsh
7	Office expenses	E. B. Richards
1	do	P. P. McCallum
8	do	D. P. McCallum F. H. Brandenburg
2	do	Jas. Keneally
2	do	Jas. Keneally Howard K. Holcomb
1 5	Passanger transportation	Geo. B. Wurtz Chicago, Rock Island and Pacific Rwy. CoBaltimore and Annapolis Short Line R. R.
	rassenger transportation	Onlongo, Bock Island and Pacific Rwy. Co.

Date.	Name.	Nature of payment.	Total.
1901.			
June 4	Chesapeake and Ohio Rwy. Co Galveston, Houston and Northern Rwy. Co Pennsylvania Company Southern Pacific Co. Memphis, New Orleans and Cincinnati Packet Co.	Passenger transportation	\$17.00
	Galveston, Houston and Northern Rwy. Co	do	14 40
	Pennsylvania Company	do	11.00
	Southern Pacific Co	do	11. 00 21. 78 10. 00
	Packet Co	ao	10.00
	Packet Co. Baltimore and Ohio R. R. Co. Pittsburg and Cincinnati Packet Co. J. W. Mullen. E. H. Westover Jos. F. Marek E. D. Beattie.	do	21.00
	Pittsburg and Cincinnati Packet Co	do	7.00
į	J. W. Mullen	Dravage	7.00 1.50
1	E. H. Westover	Hauling	10.00
	Jos. F. Marek	Printing bulletins	5. 50
	E. D. Beattie	do	36.00
	E. D. Beattie Dunn & Lemmon Vicksburg Herald The Engels Marshall Myers Co. W.G. Bennett L. J. Beatty A. Wilson P. Benedick Universal Supply Co. C. D. Stewart	do	12.00 3.00 2.70 9.50
	Vicksburg Herald	Binding reports Cleaning carpets Painting, etc	3.00
	W.C. Permett	Cleaning carpets	2.70
	I. I Rootty	Panning, etc.	9. 00
-	A Wilson	Renairing clock	2. 2. 2. 00 2. 50 11. 00
1	P. Benedick	Renairing desk etc	2.5
1	Universal Supply Co	Ink.	11.0
1	C. D. Stewart	Repairing, etc Repairing clock, Repairing desk, etc Ink Services and material.	4.00
	Flint & Walling Manufacturing Co	Angle irons and bolts	4.5
-	The Storage Battery Supply Co	Hydrometer, etc.	1.8
	Eimer & Amend	Glass tubing, etc	19.8
	Julien P. Friez	Repairs to instruments	42.50
1	P. F. Parmou Co.	Galvanometer mirrors Drill	8.2
	The I M Cornenter Ten and Die Co	Plughead tan	48.0
	Ino Fricker	Plughead tap Services, etc Repairing flagstaff Insulators, etc	15.0
-	Sam Sloan	Repairing flagstaff	20.0
	Fred M. Locke	Insulators, etc	7.6
	F. L. Hartenstein	Repairing clock	7.60
1	American Electrical Works	Copper wire	15.8
1	Universal Supply Co C. D. Stewart Flint & Walling Manufacturing Co The Storage Battery Supply Co Eimer & Amend Julien P. Friez Jas. G. Biddle B. F. Barnes Co The J. M. Carpenter Tap and Die Co Jno. Fricker Sam Sloan Fred M. Locke F. L. Hartenstein American Electrical Works do Jno. A. Roeblings Son's Co F. F. Bossnot Jules Richard Dickerson Bros. Q. J. Maigne	Repairing clock Copper wire do Iron wire Cleaning instrument stand	9. 4 6. 9
	Jno. A. Roeblings Son's Co	Iron wire	6. 9
	F. F. Bossnot	Cleaning instrument stand	1.00
	Dielegran Prog	Tele-thermometers	424.2
	O J Majana	Recasting rollers	50.0 38.3
11	O. J. Maigne Morris Joyce Engraving Co Geo. F. Muth & Co Jno. C. Parker	Electrotype plates	35 19
	Geo. F. Muth & Co.	Turpentine	26.5
	Jno. C. Parker	Map paper	373. 7
	do	Tag board, etc	26. 5 373. 7 16. 9
	Thos. Somerville & Sons	Pipe, solder, etc	10.3
1	J. Baumgarten & Sons	Logotypes	1. 5 115. 5
	J. Edw. Turton	Swinging frames, etc	115.5
12	Nortolk and Washington Steamboat Co	Transportation	3.3
12	T.M. Cline	Substations, salary	35.0
	Jno. C. Parker do do Thos. Somerville & Sons J. Baumgarten & Sons J. Edw Turton Norfolk and Washington Steamboat Co. Pay roll, New York, N. Y I. M. Cline R. A. Fessenden J. C. Piercy Enoch B. Stevens People's Telephone Co Alabama, Mississippi and Tennessee Telephone Co,	Recasting rollers Electrotype plates Turpentine Map paper Tag board. etc. Pipe. solder, etc Logotypes Swinging frames, etc. Transportation Substations, salary Traveling expenses do	9.2 6.5
	J. C. Piercy	Office expenses	1.4
1	Enoch B. Stevens	do	1.6
	People's Telephone Co	Office expenses do od Service	5.0
	Alabama, Mississippi and Tennessee Tele-	do	6.5
		do	15.6
	phone Co.		
	Ocean Tow Boat Line	do	14.0
1	do South Florida Telegraph Co	do	10.0
1	do	do	3.4
	Postal Telegraph Cable Co. of Texas	do	6.8
1	J. T. Harper	do	55. 4 14. 1
	J. T. Harper Minneapolis, St. Paul, and Sault Ste, Marie	do	10.6
	Rwy. Co.		10.0
	Rwy. Co. Great Northwestern Telegraph Co. of	do	221.0
	Canada.		
	Did a lake Design and Desterning Male	do	88.4
	Philadelphia, Reading and Pottsville Tele-	do,-	10.7
	graph Co. Ohio River Telegraph Line Jacksonville and St. Johns Bar Telegraph	do	W 0
1	Jacksonville and St. Johns Bar Tolograph	do	5. 20 7. 7
	Line.	d0	7.7
	Corvallis and Eastern R. R. Co	- do	2.6
	Rising Sun Telegraph Line	do	2.0
		~	A. 0
	L. F. Sickenberger	Services	21.0
	Corvallis and Eastern R. R. Co Rising Sun Telegraph Line L. F. Sickenberger Hoke Engraving Plate Co do	Recoating plates	2. 60 21. 0 75. 0

Date.	Name.	Nature of payment.	Total.
1901.			
June 12	Fred Albright Allie Mawhirter	Use horse	\$1.00
	Occop W Pro	do	1.00 1.00
	A. McDonald J. H. Thiessen Barnhart Bros. & Spindler Leon Risley J. E. Denton	Services	12.00
	J. H. Thiessen	Packing boxes	12.00 48.75 4.50
	Barnhart Bros. & Spindler	Galleys Repairs to wind vane	4.50
	J E Denton	Repairs to wind vane	5.00 3.00
	Carey Machinery and Supply Co.	Supplies	19. 97
	Leon Risley J. E. Denton Carey Machinery and Supply Co. Jas. Brechemin H. W. McDermott J. M. McKeough Robt Tyler J. W. Holmes Western Union Telegraph Co. Geo. B. Wurtz	Use team Supplies Reshading map	19.97 12.00
	H. W. McDermott	Recasting rollers Printing crop bulletin Repairs to telegraph line	2. 00 3. 25
	Robt Tyler	Printing gron bulletin	3. 25
*	J. W. Holmes	Repairs to telegraph line	10.00 8.25
	Western Union Telegraph Co	do	4.00
15	Geo. B. Wurtz Western Union Telegraph Co The Maurice Joyce Engraving Co	Office expenses	4.00
18	The Maurice Lovee Engraving Co	Service Engraving	13, 727. 87 2. 25
	do	Electrotype plates	28.13
	United Typewriter and Supplies Co	Supplies	1.30
	Jno. C. Parker	Paper	479.60
	The Maurice Joyce Engraving Codo United Typewriter and Supplies Co Jno. C. Parker W. S. Jenks J. C. Entwistle H. C. Frankenfield Hoke Engraving Plate Co. J. W. Holmes A. L. Simmons The City and Suburban Telegraph Co Eimer & Amend W. H. Smith	Repairs to telegraph line do Office expenses Service Engraving Electrotype plates Supplies Paper Thermograph cover Engraving Traveling expenses	1. 75 7. 50
	H. C. Frankenfield	Traveling expenses	82 95
19	Hoke Engraving Plate Co.	Recoating plates	82. 95 25. 00
	J. W. Holmes	Recoating plates Repairs to telegraph line	9.00
	A. L. Simmons	do	1.50
	The City and Suburban Telegraph Co	Service Supplies	2. 35 24. 82
	W H Smith	Hire team	60.00
	W. H. Smith Valley Paper Co Clarke & Co Julien P. Friez Lethure Paper	Paper for printing	130,00
	Clarke & Co	Mounting chart, etc	2.00 13.60
	Julien P. Friez	Iron castings	13.60
	Kathryn Burke E. H. Moorehouse & Co	Repairing camgraph	1.00 25.00
	Peter Gray	Lanterns	25.00 1,035.00
	The Seneca Falls Manufacturing Co	Supplies	30.43
	Peter Gray The Seneca Falls Manufacturing Co Bennett Printing House Pacific Transportation Co	Printing report	16.00
	Pacific Transportation Co	Hauling, etc.	20. 26 1. 50 7. 00
	Arkansas River Packet Co	Passenger transportation	7.00
	Jas. Hunter Arkansas River Packet Co Atchison. Topeka and Santa Fe Rwy. Co Norfolk and Western Rwy. Co Burlington and Missouri River R. R. in Nebr.	Supplies Hire team Paper for printing Mounting chart, etc Iron castings Repairing calligraph Painting Lanterns Supplies Printing report Hauling, etc Drayage Passenger transportation do do do do do	15 80
	Norfolk and Western Rwy. Co	do	16.50
	Burlington and Missouri River R. R. in Nebr	do	27. 15
	The Wabash R. R. Co. Fremont, Elkhorn and Missouri Valley R.	do	16.50 27.15 27.75 17.19
	R. Co.		11.10
	Rwv. Co	do	4. 45
	Pennsylvania R. R. Co	Office expenses	37.23
	do. C. Bate	Omce expenses	13. 22 7. 50
	Pennsylvania R. R. Co. H. C. Bate do. do. J. W. Smith Geo. Hass Hagen Alfred H. Thiessen O. L. Fassig R. A. Fessenden Wisconsin Telephone Co. The Central District and Printing Telegraph Co.	do	44.75
	Geo. Hass Hagen	do	.80 9.50
	Alfred H. Thiessen	Traveling	9.50
	O. L. Fassig	do	14.85 31.90
	Wisconsin Telephone Co	Service	5. 00
	The Central District and Printing Tele-	do	5. 00 6. 00
	graph Co.		
	Pacific States Telephone and Telegraph Co.	do	2.60
	Isle of Wight Telephone and Telegraph Co	do	74.67 5.00
	H. E. Wadsworth Isle of Wight Telephone and Telegraph Co- Western Union Telegraph Co-	Repairing telegraph line	4.93
	Simon W. Everett Daisy D. Jacobs American Type Founders Co	Omce rent	8.00
	Daisy D. Jacobs		1.50
	American Type Founders Co	Type signs	.90 3.30
	do Barnhart Bros. & Spindler	Rollers	1.80
		Repairing ink disk	. 60
	Chicago, Burlington and Quincy R. R. Co- Richmond, Fredericksburg and Potomac	Services Rules Type signs Rollers Repairing ink disk Transportationdo	1.59 .60
	R. R. Co. Hannibal and St. Joseph R. R. Co.	do	1.09
	do	do	1.31
	do	do	. 86
	nannoar and St. Joseph R. R. Co. do do Michigan Central R. R. Co Delaware and Hudson Co. Columbia Southern Rwy. Co	do	. 86 1. 72
	Delaware and Hudson Co	do	.90

Date.	Name.	Nature of payment.	Total.
1901. June 19	Star Union Line do Atchison Topeka and Santa Fe R. R. Co Pennsylvania R. R. Co do	Transportation	\$2.59
	Atchivon Topoka and Santa Fe R R Co	do	. 89 6. 32
	Pennsylvania R. R. Co.	do	. 35
	do	do	. 35
	· do	do	. 42
	do	do	. 67
	do	do	. 37
	do	do	. 44
	do	do	. 58 2. 08
	do	a.	. 66
	do	do	25
			.45
	Pere Marquette R. R. Codo	do	3.13
	do	00	2. 26 . 62
	Louisville and Nashville R. R. Co The Oregon Short Line R. R. Co	do	2.33 31.95
•	The Oregon Short Line R. R. Co	do	31.95 22.91
	New York, New Haven and Hartford R. R.	do	1.70
	Co. Maricopa, Phoenix and Salt River Valley R. R. Co.	do	2.16
	New Bedford, Marthas Vineyard and Nan- tucket Steamboat Co.	do	.91
	Chesaneake and Ohio Rwy Co	do	. 36 2. 12
	Chesapeake and Ohio Rwy. Co	do	1.82
	Annapolis, Washington and Baltimore	do	. 44 . 25
20	R. R. Co. Postal Telegraph-Cable Codo	Service	245. 26
	Saml. C. Long	Traveling expenses	34. 16 12. 20
	Saml. C. Long W. F. R. Phillips Jas. H. Kimball	Traveling expenses	16.00
	H. W. Grasse	Office expenses	8.50 6.25
	Western Union Telegraph Co	Labor and material	170.45
	Barnhart Bros. & Spindler	Type	5.82
29	Alpheus Drinkwater	Office expenses. Labor and material Type Brass rules Office expenses	.90
	H. W. Grasse Western Union Telegraph Co Barnhart Bros. & Spindler American Type Founders Co. Alpheus Drinkwater R. B. Harkness L. G. Schultz A. H. Thiessen F. W. Brist Convellis and Fastern P. P. Co.		2.00 2.40
	L. G. Schultz	do	2. 40 29. 85
	F. W. Brist	Traveling expenses	30.00
	Corvallis and Eastern R. R. Co	Service	2.60
	Chicago, Burlington and Quincy R. R. Co	do	2.66
	Western Union Telegrph Co	do	2.60 2.60 2.66 147.35
	International Ocean Telegraph Co	do	227.63
	Ohio River Telephone Line	do	5. 40 5. 00
	L. G. Schultz A. H. Thiessen F. W. Brist Corvallis and Eastern R. R. Co. Rising Sun Telegraph Line Chicago, Burlington and Quincy R. R. Co. Western Union Telegraph Co. Wisconsin Telephone Co. Ohio River Telephone Line Alabama, Mississippi and Tennessee Telephone Co.	do	6.50
	Aurora and Friendship Telephone Line Hoke Engraving Plate Co Sanderson Bros. Steel Co	Recoating plates	7.80 27.25
	Sanderson Bros. Steel Co	Supplies	39.48
	A. C. Perry	Services	2.50 2.36
	J. A. Logan	Hoisting rope Repairing wind vane Brass rule Varnish	6.00
	Barnhart Bros. & Spindler	Brass rule	4.20
	Alex. H. Revell & Co	Repairing chair	5. 00 4. 00
	Towner Hardware Co. J. A. Logan Barnhart Bros. & Spindler. W. H. Smith Alex. H. Revell & Co. United States Envelope Co. Osborn Cochrane Evans & Meekins	Varnish Repairing chair Envelopes Reefing halyards Barb wire, varnish, etc Dies and taps Compilation of telegrams Salaries	4.00 8.70
	Osborn Cochrane Evans & Meekins	Reging halyards	4.00
	The Billings & Spencer Co Meteorological Council	Dies and taps	45.55 7.52
	Meteorological Council	Compilation of telegrams	3.65 272.00
	W. F. R. Phillips et al B. F. Lacombe et al		2,301.10
	Total fourth quarter		79. 797. 16

Date.	Name.	Nature of payment.	Tota
	Supplemental.		
1901. ily 2		Come Monitime Designation	200
ily 2	The New York Maritime Register	Copy Maritime Register Use ground, Arlington, Va	\$35 30
	T. C. Golden	Floor	1
	H. C. Beeson	Marine directories	50
	Allie Mawhirter	Use horse	2
	Brownell & McPhee	Ink	2
	Grand Trunk Rwy. System	Passenger transportation	31
	The State Journal Co	Printing bulletins	31
	Honny T. Logler	Electric power	18
	E A Born	Electric current	3
	P. C. Shaw	Towel supply	ě
	Norfolk Steam Laundry Co	do	8
	M.J. Greer	do	1
	Amelia McLean	do	9
	C. W. Byrnes	do	. 9
	The Inland Telephone and Telegraph Co.	Rent	9
	D. P. Fisner	Painting	6
	The New York Maritime Register S. A. Potter T. C. Golden H. C. Beeson Allie Mawhirter Brownell & McPhee Grand Trunk Rwy. System The State Journal Co Indianapolis Light and Power Co. Henry T. Legler E. A. Born P. C. Shaw Norfolk Steam Laundry Co M. J. Greer Amelia McLean C. W. Byrnes The Inland Telephone and Telegraph Co D. P. Fisher Jno. McCallum Joe Coley Jno. Lang F. E. Norton	Renairing telegraph line	35
	Jno. Lang	do	7 2
	F. E. Norton	Repairing telegraph line do Erecting lantern shelter, etc	10
	Cavalier Bros	Erecting support	75
	S. Spiro	Repairing rain gauge	
	Isaac M. Small	Services	5
	E. W. Buckingham	Repairing clock	. 2
- 1	Ora Burgess	Cleaning office	9
- 1	Emanla Didamor	Office ownerses	3
1/4	S S Receipt	do	9
	David Cuthbertson	do	3
y	Jno. R. Weeks	do	*
	Saml. L. Mosby	Traveling expenses	3
	do	do	7
	Solomon Hyman	do	7
	Jno. Gover	do	44
	B. S. Pagne	do	7
	Alex. G. McAgle	Office went	4
	City of Columbia S C	do	63 90
0	Maggie French	do	59
)	Ulysses G. Myers	do	175
	Mary C. Pratt et al	do	93
	The Farmers' National Bank of Fresno	do	115
- 1	Indianapolis Gas Co	do	93 115 250 150 67 105
	R. McLaughlin	00	150
	The Conrad National Bank	do	105
- 19	Albert W Kennie	do	49
	Citizens' Bank of Norfolk Va	do	131
	Walla Walla Lodge, No. 56, I. O. O. F	do	42 131 84
	A. C. Rackliff	do	
	E. H. Jamison	do	135
	A.J. Knight	do	82
	E. P. Jones	00	135 82 25 100 87
	E.J. Davenport	do	100
	Ella W Daniele	do	87
	Prudential Building Co	do	134
	Peter Sonna	do	134 120
	F. E. Warren Mercantile Co	do	129
	H. Wallenberg, administrator	do	129 77 10
0	Chas. P. Meekins	do	10
3	Charlevoix Electric Light Plant	Electric light	4 5
	Tampa Electric Co	do	5
	Jno. McCallum Joe Coley Jno. Lang F. E. Norton Cavalier Bros S. Spiro Isaac M. Small. E. W. Buckingham Ora Burgess C. J. Oyler Frank Ridgway S. S. Bassler David Cuthbertson Jno. R. Weeks Saml. L. Mosby do Solomon Hyman Jno. Gover B. S. Pagne Alex. G. McAdie Balfe D. Johnson City of Columbia, S. C Maggie French Ulysses G. Myers Mary C. Pratt et al The Farmers' National Bank of Fresno Indianapolis Gas Co R. McLaughlin The Conrad National Bank Dent & Butler Albert W. Kennie Citizens' Bank of Norfolk, Va Walla Walla Lodge, No. 56, I. O. O. F A. C. Rackliff E. H. Jamison A. J. Knight E. P. Jones E. J. Davenport Edgar Harding Ella W. Daniels Prudential Building Co Peter Sonna F. E. Warren Mercantile Co H. Wallenberg, administrator Chas, P. Meekins Charlevoix Electric Light Plant Tampa Electric Co do . Eliz. L. Renoe F. L. McClintic Simon Nusbaum, postmaster	do Office expenses do Rent of post-office box Office rent	2
	Eliz. L. Renoe F. L. McClintic Simon Nusbaum, postmaster Chicago Auditorium Association	do	2 3 1
	Simon Nusbaum, postmaster	Rent of post-office box	
			450. 3. 1.
	Cincago Auditorium Association Ed. Ketchum Wm. McLaughlin C. A. Blummer Georgetown Iron Works Grant Rivenburg The Southwestern Telegraph and Telephone Co	Office rent Hauling do Services Repairing vane Lee	3
	Wm. McLaughlin	do	1
	C. A. Blummer	Services	15.
	Georgetown Iron Works	Repairing vane	5. 3.
	The Southwestern Telegraph and Telegraph	Rent	9.
	The Southwestern Telegraph and Telephone Co. Citizens' Telephone Co Cumberland Telephone and Telegraph Co.	Tremo	9.

ate.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
901.			
ly 3	Santa Fe Electric Telephone Co Capital Telephone and Telegraph Co The Southern New England Telephone Co. Dodge City Telephone Co. Southern Bell Telephone and Telegraph	Rent	\$6.
	Capital Telephone and Telegraph Co	do	4. 27. 3. 12.
	The Southern New England Telephone Co.	do	21.
	Southern Bell Telephone and Telegraph	do	9. 19
	Co.		
	Southwestern Telegraph and Telephone Co. The Northwestern Telephone Exchange Southern Bell Telephone and Telegraph Co Southern States Telephone Co. Southern Bell Telephone and Telegraph Co Nebraska Telephone Co. Wisconsin Telephone Co. La Crosse Telephone Co. La Crosse Telephone Co. Sunset Telephone Co. Sunset Telephone and Telegraph Co. The Telephone Co. South Jersey New York and Pennsylvania Telephone and Telegraph Co. Central Lyion Telephone Co. Central Lyion Telephone Co.	do	15.
	The Northwestern Telephone Exchange	do	9.
	Southern Bell Telephone and Telegraph Co	do	10. 9.
	Southern States Telephone Co	do	9.
	Southern Bell Telephone and Telegraph Co	do	7.
	Nebraska Telephone Co	0D	12.
	Wisconsin Telephone Co	do	3. 7.
	Popporizonia Tolophona Co	do	20.
	Sunget Telephone and Telegraph Co	do	8
	The Telephone Co of South Jersey	do	6. 5.
	New York and Pennsylvania Telephone		0.
	and Telegraph Co	do	21.
	Central Union Telephone Co	Services	10.
	Missouri and Kansas Telephone Co	do	9.
	Rocky Mountain Bell Telephone Co	do	8.
	New York and Pennsylvania Telephone and Telegraph Co. Central Union Telephone Co. Missouri and Kansas Telephone Co. Rocky Mountain Bell Telephone Co. The Empire State Telephone and Telegraph Co. Ontario Telephone Co. Southern Bell Telephone and Telegraph Co. Lynchburg Telephone Co. The Pacific States Telephone and Telegraph Co.	a.	1 -
	graph Co	do	15.
	Contario Telephone Co	00	7. 3.
	Lynchburg Tolophone Co	do	3.
	The Pacific States Telephone and Tele-		θ.
	graph Co	do	9.
	The Bell Telephone Co. of Buffalo	do	9. 21. 140.
5	Henry J. Green	Thermometers	140.
	Hoke Engraving Plate Co	Recoating plates	50.
	Ray Munroe	Services	10. 3. 48.
	P. Murray	Cleaning carpets, etc.	3.
	The R. L. Bryan Co.	Printing bulletins	48.
	Talbott & Hamann	do	21.
	Hopeas C Whitney	do	21. 36. 27.
	Pobt Tyles	do	10.
	W W McCollough	Constructing river gauge	89
	Lincoln Traction Co	Electric current	82. 13.
	San Antonio Gas and Electric Co	do	6.
	Fort Wayne Electric Works	Brush holders, etc	5.
	American Linen Supply Co	Towel service	6. 5. 3.
	Kentucky Laundry Co	do	1.
	E. M. Bowman	Drayage	1.
	U. I. Mairs	do	٦.
	T. B. Satterwhite & Co	Office word	1. 106.
	Pacific Club	do	67
	Orson Adams ir	do	120
	S. B. Hicks	do	67. 120. 120.
	Utah and Pacific R. R. Co	do	45. 70.
	G. E. Shaw	do	70.
	T. M. Jeffris & Co	do	100. 167.
	Union Trust Building Co	do	167.
	H. F. Barnett	do	10.
	O. I. Maire	d0	105. 67.
	The Gamble Desmond Co	do	100.
	Otto B. Hart	do	24.
	Eliz. L. Rence	do	100.
	C. M. Beeson	do	88.
	Tyree & Wilkins, agents	do	67.
	Geo. L. Lovett	do	105.
	Wm. Pollman	do	67. 105. 87.
	The Marquette County Savings Bank	do	90.
	H Oronholzon	00	625. 127.
	D. Horton	u0	127. 120.
	Estate of Isaac Eherly	do	120. 154.
	Warfield & Dann	do	7.04.
	East Tennessee Telephone Co	Rent	75. 9.
	do	do	9.
		do	5.
	The Woodford Telephone Co	UO	U.
	Ontario Telephone Co Southern Bell Telephone and Telegraph Co Lynchburg Telephone Co The Pacific States Telephone and Telegraph Co The Pacific States Telephone and Telegraph Co The Bell Telephone Co. of Buffalo Henry J. Green Hoke Engraving Plate Co Ray Munroe P. Murray The R. L. Bryan Co Talbott & Hamann E. D. Beattie Horace G. Whitney Robt. Tyler W. W. McCollough Lincoln Traction Co San Antonio Gas and Electric Co Fort Wayne Electric Works American Linen Supply Co Kentucky Laundry Co E. M. Bowman O. I. Mairs T. B. Satterwhite & Co E. S. Hughs & Co Pacific Club Orson Adams. jr S. B. Hicks Utah and Pacific R. R. Co G. E. Shaw T. M. Jeffris & Co Union Trust Building Co H. F. Barnett T. B. Catron O. I. Mairs The Gamble Desmond Co Otto B. Hart Eliz. L. Rence C. M. Beeson Tyree & Wilkins, agents Geo. L. Lovett Wm. Pollman The Marquette County Savings Bank American Surety Co. of New York H. Overholzer D. Horton Estate of Isaac Eberly Warfield & Dann East Tennessee Telephone Co Central Union Telephone Co Cchicago Telephone Co Cchicago Telephone Co Clicago Telephone Co	do	40. 57.

Date.	Name.	Nature of payment.	Total.
4004	Supplemental—Continued.		
1901. ily 5	Cumberland Telephone and Telephone Co.	Dant and assuring	210
my o	Cumberland Telephone and Telegraph Co- San Antonio Telephone Co- Southern Bell Telephone and Telegraph	de de la service	\$16. 10.
	Southern Bell Telephone and Telegraph	- do	10.
	Co.		10.
	Delaware, Lackawanna, and Western R. R. Co.	Passenger transportation	7.
	Pittsburg and Cincinnati Packet Line	do	7.
	Missouri Pacific Rwy. Co	do	7.
	Katherine Ryan	Services	7. 7. 12.
0	J. W. Branan	do	15.
6	Fredk. Springmann	Transportation	6. 14.
	Geo F Muth & Co	Supplies	27.
	J. Baumgarten & Sons	Rubber stamps	24.
7	Pay roll, New Haven, Conn	Substation, salaries	32.
	Pay roll, Chicago, Ill	do	364.
	Pay roll, Shreveport, La	do	42.
	Pay roll, Harrisburg, Pa	00	42. 42. 105.
	Raltimore and Ohio P. R. Co.	Passanger transportation	105.
	G. Luchtenberg	Repairing clock	3.
	People's Telephone and Telegraph Co	Rent	7.
	Times Journal Publishing Co	Printing bulletin	3. 7. 18.
	Co. Co. Co. Pittsburg and Cincinnati Packet Line Missouri Pacific Rwy. Co. Katherine Ryan J. W. Branan Fredk. Springmann United States Express Co Geo. F. Muth & Co. J. Baumgarten & Sons Pay roll, New Haven, Conn Pay roll, New Haven, Conn Pay roll, Shreveport, La Pay roll, Shreveport, La Pay roll, Norfolk, Va Pay roll, Norfolk, Va Baltimore and Ohio R. R. Co G. Luchtenberg People's Telephone and Telegraph Co Times Journal Publishing Co Evans & Meekins Bernstein & Co.	Gasoline	1.
	Bernstein & Co. J. C. Worthington T. J. Derby Jos. Urlacher Burlington and Missouri River R. R. in Ne-	Repairing register case	1.
- 0	T. J. Darby	Erecting instrument shelters	11.
9	Jos. Urlacher	Transportation	1.
	Burlington and Missouri River R. R. in Ne-	do	14.
	Chicago, Rock Island and Texas Rwy. Co	do	1.
	Leveland, Cincinnati, Chicago and St.	do	6.
	Chicago, Rock Island and Texas Rwy. Co Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. New York, New Haven and Hartford R. R.	do	10.
	Union Pacific R. R. Co.	do	2.
	Wabash R. R. Co. The Cleveland, Lorain and Wheeling Rwy.	do	3.
	Co.		
	Annapolis, Washington and Baltimore R.R.	do	10.
	Co. Deckerville, Osceola and Northern R.R.		1.
11	Co. Louisville and Nashville R. R. Co. N. W. Wagner Jno. T. Myers Jas. Evans	do	2.
11	N. W. Wagner	Services	21. 15.
	Jas Evans	do	9.
	Bank and Insurance Building Co	Office rent	9. 100.
	Frank D. Miracle	do	105. 127.
	Jas. Evans Bank and Insurance Building Co. Frank D. Miracle Pay roll, Buffalo, N. Y Pay roll, Chicago. Ill Pay roll, Parkersburg, W. Va. Pay roll, Atlanta, Ga. do. Pay roll Memphis Tenn	Substation, salaries	127.
	Pay roll Parkershurg W Va	do	385. 135
	Pay roll, Atlanta, Ga	do	135. 72.
	do	do	135. 182. 2.
	Pay roll, Memphis, Tenn	do	182.
	Baltimore Towel Supply Co	washing towels	2.
	Thos. barry	Tee	6. 1.
	American Ice Co	do	2
	Hoke Engaving Plate Co	Stereotype metal	2. 10.
	CO Pay roll, Memphis, Tenn Baltimore Towel Supply Co Thos. Barry. Chas. G. Le Clair American Ice Co Hoke Engaving Plate Co Faneuil Watch Tool Co	Supplies for repairing instruments.	232.
	Val Blatz Sons Arizona Publishing Co	ments. Benzine Printing bulletins Water do Transportation Drayage do Recoating plates Rent Office expenses	2.
	Arizona Publishing Co	Printing bulletins	90.
	LC. B. Little	water	11. 3.
	Board of Public Works Lehigh Valley R. R. Co	Transportation	6.
	E. H. Furbush	Drayage	
	McCormick & Bates.	do	
	Hoke Engraving Plate Co	Recoating plates	62.
	Cumberland Telephone and Telegraph Co-	Rent	21.
	O.D. Steward	Office expenses	3. 9.
	J. W. Smith	Office expenses	9. 7.
	J. W. Baner	do	1.
	U DUUOL		7
	W.S. Currier	do	1.
	E. H. Furbush McCormick & Bates. Hoke Engraving Plate Co Cumberland Telephone and Telegraph Co O. D. Steward. J. W. Smith; Jas. J. Gray. J. W. Bauer W. S. Currier Allen Buell E. H. Nimmo Geo. T. Todd	do	2.

$\textbf{\textit{Expenditures of Department of Agriculture for year ending June 30, 1901}-\textbf{Cont'd.}$

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued. H.B. Hersey W. M. Fulton Albert Ashenberger G. N. Wilson Wm. M. Neifert R. A. Fessenden Real Estate and Law Building Co. Lorenzo Littlefield Ray G. Lewis Henry Bolton Albert Marty J. L. Manning Jos. Gussenhoven Jno. Semer H. W. Styron City of Palestine, Tex Jno. G. Brown C. S. McLaury et al Bank of Tehama County Fannie L. Keating Edw. W. Osborn Geo. S. Waite Portland Trust Co. of Oregon Margaret Parmentier Luke & Smith Mount Washington Rwy. Co W. D. Grant Amarillo Improvement Co B. S. Williams Northwestern Mutual Life Insurance Co- Paine Bros C. L. Graves O. J. Glenn Samuels Transfer and Storage Co Buffalo Gas Co Southern Bell Telephone and Telegraph Co. The Chesapeake and Potomac Telephone Co. The Union Telephone Co Albena Electric Light Co		
1901.	II D Hangur	Office owners	010
aly 11	W M Fulton	do	\$10. 11.
	Albert Ashenberger	do	
	G. N. Wilson	do	2.
	Wm. M. Neifert	Traveling	4.
12	Real Estate and Law Ruilding Co	Office rent	43.
1.0	Lorenzo Littlefield	do	64.
	Ray G. Lewis	do	5
	Henry Bolton	do	52 165 58
	I I. Manning	do	58
	Jos. Gussenhoven	do	90
	Jno. Semer	do	114
	H. W. Styron	do	38
	City of Palestine, Tex	do	78 75
	C.S. McLaury et al	00 	69
	Bank of Tehama County	do	99
	Fannie L. Keating	do	90 87
	Edw. W. Osborn	do	87
	Portland Trust Co of Oregon	00 do	119 210
	Margaret Parmentier	do	75
	Luke & Smith.	do	75 75
	Mount Washington Rwy. Co	do	ő
	W.D.Grant	do	225 30
	R S Williams	do	73
	Northwestern Mutual Life Insurance Co.	do	124
	Paine Bros	do	73 124 73
	C.L. Graves	Drayage	
	O. J. Glenn	do	4
	Buffalo Gas Co	Gas	1 7 13
	Southern Bell Telephone and Telegraph Co.	Rent	13
	The Chesapeake and Potomac Telephone	do	31
	Co.	a.	-
	Alnena Electric Light Co	Electric light	ă
	United Electric Light and Power Co	do	9
	Transylvania Co	Electric light do Repairs to caligraph Renzine	38
	Robertson & Weitzell	Benzine	90
	W H H Smith	Repairs to cangraph Benzine Printing bulletins. Use horse and wagon do Washing towels	11
	Ed. E. Haves.	do	1
	M. A. Graham	Washing towels	1
18	Co. The Union Telephone Co. Alpena Electric Light Co. United Electric Light and Power Co. Transylvania Co. Robertson & Weitzell J. I. Lengsfield W. H. H. Smith Ed. E. Hayes M. A. Graham Michael O'Leary The Chesapeake and Potomac Telephone Co.	Sand Service	1 35
	Co.	Service	99
	Jas. B. Lambie Geo. F. Muth & Co. do Postal Telegraph-Cable Co	Leather belting	13
	Geo. F. Muth & Co	Tape line	g
	do	Pen	
	Postal Telegraph-Cable Co H. B. Boyer P. H. Smith	Service	29
	P H Smith	do do	
	J. B. Marbury	do	ñ
	A. C. Burrows	do	2
	Geo. E. Franklin	do	_2
	Pay roll Dos Moines Jowe	Substation salaries	75 230
	Pay roll Baltimore Md	do	450
	Pay roll, Alpena, Mich	do	45 85
	Pay roll, New York, N. Y	do	35
	Pay roll, Pensacola, Fla	do	36
	H. H. Taylor agent	do do	299
	Jas. L. Connell	do	35 36 37 322 118 126
	The First National Bank, Portland, Me	do	126
	Jno. E. Dooly	do	
	Catherine Wilson	do	140
	H S Gilbert county treasurer	do	60 67
	Simon W. Everett	do	8
	Jas. K. Porter	do	150
	H. B. Boyer P. H. Smith J. B. Marbury A. C. Burrows Geo. E. Franklin Pay roll, Portland, Me Pay roll, Des Moines, Iowa Pay roll, Baltimore, Md Pay roll, Alpena, Mich Pay roll, Alpena, Mich Pay roll, Pensacola, Fla M. E. Conway H. H. Taylor, agent Jas. L. Connell The First National Bank, Portland, Me Jno. E. Dooly Catherine Wilson Adam Geiger H. S. Gilbert, county treasurer Simon W. Everett Jas. K. Porter L. Rogers Carrie M. Frahm Robt, Maxwell J. W. Tait	Services	15
	Carrie M. Frahm	do	12
	LUOD, MAAWEII	u0	25 25

Date.	Name.	Nature of payment.	Total.
1901.	Supplemental—Continued.		
July 18	A. R. Weir	Services	\$25.00
o tily 10	A. R. Weir N. P. Arnold E. J. Plough	do	\$25.00 37.50 7.74
	E. J. Plough	do	7.74
			21.00
	W. M. Laidley	Contring	21.00
	M. M. Laidley Western Union Telegraph Co. New England Telephone and Telegraph Co.	do	1.05 2.55
	International Ocean Telegraph Codo Minneapolis, St. Paul and Sault Ste. Marie	dodo	212.90 145.19
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. Great Northwestern Telegraph Co Postal Telegraph and Cable Co. of Texas.	do	12.27
	Bogtal Tolograph and Cable Co. of Torog	do	138.99
	Jacksonville and St. Johns Bar Telegraph	do do	59.77 4.00
	Line. Philadelphia, Reading and Pottsville Tele-	ob	10. 71
	graph Co. Isle of Wight Telephone and Telegraph Co. The Central District and Printing Tele-	do	5.20
	graph Co.		6.20
	Pacific States Telephone and Telegraph Co.	do	2.50
	Alabama and Georgia Long Distance Tele- phone Co. Aurora and Friendship Telephone Line	do	14.50 7.80
	Georgia Telephone and Telegraph Co	do	10.00
	Hudson River Telephone Co	do	16.50
	Aurora and Friendship Telephone Line Georgia Telephone and Telegraph Co Hudson River Telephone Co. Delaware and Atlantic Telegraph and Telephone Co. Setthem Poll Telephone and Telegraph Co.	do	12.00
	Southern ben relephone and relegraph Co.		15.00
	Thos. H. Smith Cumberland Electric Light and Power Co.	Cleaning motor Electric current	2.50 15.00
	Grand Haven City Electric Light Co	do	3 75
	O. C. G. Urban	do	3.75 2.00
	O.C.G.Urban People's Gaslight and Coke Co	Gas Towel service	
	Mary Fantleroy The American Toilet Supply Co J.F. Beck	Towel service	1.50 2.25 3.00 3.77
	The American Toilet Supply Co	do	2.25
	Meteorological Council	Compilation of telegrams	3.77
	Bennett Printing House	Compilation of telegrams Printing report Paper	16.00
	Bennett Printing House Indiana Printing and Manufacturing Co	Paper	4.75 3.75
	H. A. Brossard	Drayage Office expenses	3.75
	H. A. Brossard F. L. Johnson Wm G. Burns F. H. Clarke Geo. A. Loveland H. B. Dick W. H. Fallon Robt. L. Anderson M. J. Wright, jr W. S. Belden L. H. Murdock Chas. M. Strong Marcos Sanchez E. J. Kelliher J. W. Elden	Office expenses	2.00 5.10
	F H Clarke	do	4.75
	Geo. A. Loveland	do	6.60
	H. B. Dick	do	5.25
	W.H. Fallon	do	. 50 1. 00
	Robt. L. Anderson	do	1.00
	W.S. Wright, Jr.	do	. 50 8. 10
	L. H. Murdock	do	2.75
	Chas. M. Strong	do	2.75 1.00
	Marcos Sanchez E. J. Kelliher J. W. Holmes	Services	15. 00 15. 00 6. 00
	E.J. Kelliher	do	15.00
	FIG. TY TY I	Til to l'alla	5.10
	McEwen & Lanver	Wood Repairing clock Benzine Electric current Gas Ice	1 92
	F. T. Whittemore	Repairing clock	1. 92 1. 50
	Chase Paint and Oil Co	Benzine	1.50
	H. L. Pittock	Electric current	18.00
	The Portland Gas Co.	Gas	10.50
	McEwen & Lanver F. T. Whittemore Chase Paint and Oil Co H. L. Pittock The Portland Gas Co. Holmes Coal and Ice Co J. W. Holmes	do	1.20
	P. Minor		2.80 9.95
	P. Minor Columbia Telephone Co The Colorado Telephone Co Pacific States Telephone and Telegraph Co.	Rent	10.50
	The Colorado Telephone Co	do	22.50 22.50 7.50
	Pacific States Telephone and Telegraph Co.	do	22.50
	Southern Ball Talanhana and Talagraph Co.	do	20.00
	The City and Suburban Telegraph Acon	Service	21.00
	Cumberland Telephone and Telegraph Co	Rent	29.85
	Missouri and Kansas Telephone Co	Service Service	30.00
	Southern Bell Telephone and Telegraph Co. The City and Suburban Telegraph Assn. Cumberland Telephone and Telegraph Co. Missouri and Kansas Telephone Co. Cumberland Telephone and Telegraph Co.	Rent	12.00
	East Tennessee Telephone Co		10.50
	The Colorado Telephone Co	Rent	13, 50 34, 25
	graph Co.	do	04.46

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1901. July 18	Missouri and Kansas Telephone Codododododododo	Rent	\$6.0
oury 10	Missouri and Kansas Telephone Co do Iowa Telephone Co	do	\$6.0 18.0 30.0
	Iowa Telephone Co	Transform	30.0 1.0
	L Rodgers	Use horse and cart	30.0
	Summers Printing Co	Printing report	42.0
	L. Naegele & Sons	do	21.0
	Laura Warimer	do	6. 0 3. 0 2. 2
	The Silver State Towel Supply Co	do	2.2
20	C.P. Disney	Services	21.0
	Hal P Hardin	do	2.9 2.7 2.8 1.5
	T. S. Outram	do	2.8
	Jas. J. Gray	do	1.5
	F. H. Emery	do	19. 2
	F. A. Carpenter	do	8.3
	R. M. Hardinge	do	2.3
	M. E. Rivetone	do	1. 2
•	J. S. Hazen	do	. 5
	Aaron H. Bell	do	2.0
	J. M. Sherjer	do	1.80
	Geo. Reeder	do	1.73 .70 6.83
	A. E. Hackett	do	6.8
	L. M. Pindell L. N. Josephofsky	do	1.00
	J. P. Bolton	do	2. 00 2. 50 26. 73 13. 73 9. 23
	R. A. Fessenden	Traveling expenses	26.7
	Jas. J. Widmeyer	do	13.78
	Fredk. W. Brist	do	12.8
	W. T. Blythe	do	12. 83 4. 10
22	Pay roll, Savannah, Ga	Substation, salaries	61.00
44	Thos. A. Boon	Services	5. 90 30. 00
	W. T. Turbeville.	do	15.00
	Josie G. Smith	do	21.00 30.00
	Una V. Hendrix	do	21.00
	Estate of Ellen C. Thompson	do	15.16
	Pay roll La Crossa Wis	Substation, salaries	67.00 63.00
	Pay roll, Sault Ste. Marie, Mich	do	74.66
	Pay roll, Wilmington, N. C.	do	72.00
	Pay roll, Philadelphia, Pa.	do	69.00
	Pay roll, New Orleans, La	do	$145.00 \\ 67.50$
20	Wisconsin Telephone Co.	Service	18.00
23	Cumberland Telephone Exchange Co	Pont	18.00 30.00
	Black Hills Telegraph and Telephone Co.	do	21.00
	Pacific States Telegraph and Telephone Co.	do	18, 00
	do do	Service	4.50 8.25
	Interstate Telephone and Telegraph Co	do	4.50
	Rocky Mountain Bell Telephone Co	do	9.00
	Columbia Telephone Co	Ront	13. 50 6. 00
	Meridian Telephone Co	do	6.00
	R. L. Lewis	do	6. 00 20. 25 6. 00
	New England Telephone and Telegraph Co.	do	6.00
	A. Hamacek	Electric current	9. 00 5. 00 3. 50
	Thos. A. Boon W. T. Turbeville Josie G. Smith B. F. Modisett Una V. Hendrix Estate of Ellen C. Thompson Pay roll, Montgomery, Ala Pay roll, Montgomery, Ala Pay roll, Sault Ste. Marie, Mich Pay roll, Sault Ste. Marie, Mich Pay roll, Philadelphia Pa Pay roll, Philadelphia Pa Pay roll, Milwaukee, Wis Pay roll, New Orleans, La Wisconsin Telephone Co. Northwestern Telephone Exchange Co. Cumberland Telephone and Telegraph Co. Black Hills Telegraph and Telephone Co. Pacific States Telegraph and Telephone Co. Southern Bell Telephone and Telegraph Co. More Mountain Bell Telephone Co. Columbia Telephone Co. Columbia Telephone Co. Columbia Telephone Co. R. L. Lewis Geo. W. Finch New England Telephone and Telegraph Co. A. Hamacek Menominee Electric Light, Railway, and Power Co. Geo. A. Orr	do	3. 50
	Geo. A. Orr	do	4.00
	Washburn Electric Light and Power Co	do	5. 00 4. 00
	Ashland Light, Power, and Street Rwy. Co.	do	5.00
	Edison Sault Electric Co	do	10. 62 15. 00
	Georgetown Electric Co	do	15. 00 6. 75
	Geo. A. Orr Board of Fire and Water Commissioners Washburn Electric Light and Power Co. Ashland Light, Power, and Street Rwy. Co. Edison Sault Electric Co. Minnesota International Electric Co. Georgetown Electric Co. W. L. Howes Chas. D. Page M. T. Hayden Nashville Laundry Co.	Drayage	1.50
	Chas D Page	do	4. 75 3. 00
	M /D II and a	TTT	2000

$\label{lem:expenditures} \textit{Expenditures of Department of Agriculture for year ending June~30, 1901} \textbf{—Cont'd.}$

Date.	Name.	Nature of payment.	Tota
	Supplemental—Continued.		
901.	Car M Habinana	337 - 1 - 1 1 1	
ly 23	Geo. M. Hubinger Theodore Schallere	Washing towels Painting	\$
	KOOL AIGENDROOK J. H. Ledoux Consolidated Gas Co The Maine Record Publishing Co John Longstaff H. B. Todd L. M. Tarr F. A. Bools	Water	
	Consolidated Gas Co	Gas Marine Record Printing bulletins	3
	The Maine Record Publishing Co	Marine Record	3
	John Longstaff	Printing bulletins	2
	I. M. Tonn	Traveling expenses Office expenses	1
	E. A. Beals	do	1
	S. Hackett	do	
	Albert Brand	do	3
	E. C. Vose	do	
	W. S. Palmer	Cubatatian colonia	- vel
24	Pay roll Little Rock Ark	do	75 16
141	Pay roll, Montgomery, Ala	do	10
	Pay roll, Mobile, Ala	do	7
	Pay roll, New Orleans, La	do	7 18 8
	do	do	8
	do do	do	13
	Pay roll Raleigh N C	do	13 3 11
	Pay roll, Wilmington, N. C.	do	10
	Pay roll, Charleston, S. C.	do	6
	do	do	8
	Pay roll, Nashville, Tenn	do	.7
	Pay roll Coiro III	do	15 13
	Pay roll, Pittsburg, Pa	do	32
	Pay roll, Duluth, Minn	do	10
	Pay roll, Cleveland, Ohio	do	14
0	Pay roll, Columbus, Ohio	do	23
g. 3	Pay roll, Omaha, Nebr	do	99
	Pay roll Minneapolis Minn	do	23 34 4 3
	Pay roll, Houghton, Mich	do	4
	Pay roll, Escanaba, Mich	do	3
	Pay roll, Cincinnati, Ohio	do	19
	Pay roll, Indianapolis, Ind	do	18
	Pay roll Savannah Ga	do	16
	Pay roll, Vicksburg, Miss	do	7
	do	do	6
	Pay roll, New Orleans, La	do	10
	Pay roll, Kansas City, Mo	do	29
	Pay roll, St. Louis, Mo	do	14
	Pay roll Little Rock Ark	do	e.
	do	do	4
	Pay roll, Louisville, Ky	do	4 27
	Mattie D. McKee	Services	
6	John Longstaff H. B. Todd L. M. Tarr E. A. Beals S. Hackett Albert Brand E. C. Vose W. S. Palmer Pay roll, Boston, Mass Pay roll, Little Rock, Ark Pay roll, Mobile, Ala Pay roll, Mobile, Ala Pay roll, Mobile, Ala Pay roll, Meleigh, N. C. Pay roll, Raleigh, N. C. Pay roll, Raleigh, N. C. Pay roll, Kilmington, N. C. Pay roll, Charleston, S. C. do	Sorvice	27 10
0	Geo. C. Maynard	do	10
	Mattie D. McKee Ed. J. Kendall Postal Telegraph Cable Co Geo. C. Maynard J. H. Robinson M. G. Copeland & Co do J. Baumgarten & Sons Fred. A. Schmidt do E. A. Hughes City of East Tawas, Mich Max Levy Norwich University Charleston Consolidated Railway, Gas, and Electric Co.	do Servicedo Traveling expenses Flagdo Rubber stamps	1 5
	M.G. Copeland & Co	Flag	5
	T. Downsond or 6. Co.	do	£ £
	J. Baumgarten & Sons	Rubber stamps	36
	do	do	6
7	E. A. Hughes	Electric light	
	City of East Tawas, Mich	Electric current	
	Max Levy	do	- 1
	Charleston Consolidated Pailway Con	Electric current, etc	3 1
	and Electric Co.	Electic current	
	Excelsior Electric Co	do	
	Electric Lighting Co. of Mobile	do	-
	Feople's Gas and Electric Co Excelsion Electric Co Electric Lighting Co. of Mobile Standard Gas and Electric Co. Nashville Gas Co.	Gas	1
		do	2
		Use horse and wagon	4
	W. H. Renear Dan. W. King Omaha Towel Co	do Use horse and wagon Washing towels do	
	Omaha Towel Co	do	
	Dora Moyen N. B. Wood Doster & McCurdy	Washing flags	
		Washing towels	

${\it Expenditures of Department of Agriculture for year ending June~30, 1901} - {\it Cont'd.}$

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1901.		Too	01 50
Aug. 7	Chas. H. Rowland R. B. Smith	Ice Cleaning river gauge Service, etc Gasoline, etc	\$1.50 10.0
	Tuttle Paint and Glass Co	Service, etc	8.5
	Tuttle Paint and Glass Co Blackmore & Beutle Pacific States Telephone and Telegraph Co-	Gasoline, etc	8.5 4.7
	Pacific States Telephone and Telegraph Co.	Rentdo	25.5
	New York and Pennsylvania Telephone	do	6.7
	New York and Pennsylvania Telephone and Telegraph Co. New York Telephone Co. The Northwestern Telephone Exchange	do	60.0
	The Northwestern Telephone Exchange	Service	18.0
	Co.		
	The Cleveland Telephone Co	do	18.0
	Mutual Telephone Co	do	• 22.5
	Michigan Telephone Co	Kent	6.0 6.0
	do	do	2.5
	do	do	6.0
	do	do	38.2 16.2
	The Bell Telephone Co. of Missouri	do	16.2
	The Bell Telephone Co. of Buffalo	Double and a series	32.0
4	Co. The Cleveland Telephone Co. Mutual Telephone Co. Michigan Telephone Co. do. do. do. do The Bell Telephone Co. of Missouri The Bell Telephone Co. of Buffalo. Southwestern Telephone and Telegraph Co.	ment and service	12.0
	Southern Bell Telephone and Telegraph	Rent	7.5
	Co.		
	do do do Sunset Telephone and Telegraph Co do G. R. Oberholzer B. S. Pagne C. F. R. Wappenhaus R. H. Dean W. M. Dudley W. T. Blythe Geo. W. Felger W. S. Palmer E. A. Evans	do	7.5
	Carport Malambana and Malamanh Ca	do	7.5 6.0
	do	do	15.0
	G. R. Oberholzer	Office expenses	. 8
	B. S. Pagne.	do	37.8
	C. F. R. Wappenhaus	do	4.7 .2 .5
	K. H. Dean	do	.2
	W.M. Dudley	do	5. <u>5</u>
	Geo. W. Felger	do	. 5
	W. S. Palmer	do	4.2
	E. A. Evans	do	8.5
	Geo. M. Salisbury	Charaling amongos	8.5 7.7 48.8
	Geo. W. Felger W. S. Palmer E. A. Evans Geo. M. Salisbury R. A. Fessenden Pay roll, St. Louis, Mo Pay roll, Galveston, Tex	Substation salaries	181 4
	Pay roll, Galveston, Tex	do	181. 4 301. 0 30. 0 27. 2 75. 0
	do	do	30.0
	Pow will Doubles 3 Ones	do	27.2
`	ray ron, Fortiand, Oreg	do	70. U
	Paul O. Lauve	Services	123. 0 3. 0
	H. A. Morgan	do	15. 2
8	Western Union Telegraph Co	Service	12,096.2 13,229.9
12	Paople's Talenhans Co	do	13, 229. 9
Liv	Almo Telephone Co	do	5.0 6.0
	Barron Co. Telephone Co	do	15.0
	W. H. Holmes	Services	6.0
	Iowa Telephone Co	Service	7. 80 2. 22 6. 10
	Michigan Telephone Co.	do	8.2
	Rocky Mountain Bell Telephone Co.	do	13.9
	Staunton Mutual Telephone Co	do	37.5
	Alabama and Georgia Long Distance Tele-	do	14.8
	phone Co.	do	a* 0
	Cumberland Telephone and Telegraph Co.	do	25. 80 29. 50
	do	do	125.8
	phone Co. East Tennessee Telephone Co	do	5. 0 11. 7
	The Central District and Printing Tele-	do	11. 7
	graph Co.	do	0.4
	do	do	2. 40 5. 40
	graph Co. do do Western Union Telegraph Co Rising Sun Telegraph Line East Louisiana R. R. Co. Alabama, Mississippi and Tennessee Telephone Co.	do	154. 2
	Rising Sun Telegraph Line	do	154. 2 2. 5
	East Louisiana R. R. Co.	do	1.10
	Alabama, Mississippi and Tennessee Tele-	do	6.2
	phone Co. Corvallis and Eastern R. R. Co.	đo	2.50
	Isle of Wight Telephone and Telegraph Co	do	5.00
	Winton Telegraph Co	do	5.00 7.70 144.00
	pnone Co. Corvallis and Eastern R. R. Co Isle of Wight Telephone and Telegraph Co- Winton Telegraph Co Dakota Central Telegraph Line Chicago, Burlington and Quincy R. R. Co- Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	144.0
	Minneapolis St Paul and Soult Sta Maria	do	2.7 16.5
		*161	In 5

Date.	Name.	Nature of payment.	Tota
	Supplemental—Continued.	,	
1901. ug. 14	Chambar of Commerce Building Co	Office went	so:
ug. 14	Mary E Shelden	do	\$98
	Bunce & Iiams	do	98
	Chamber of Commerce Building Co Mary E. Shelden Bunce & Hams	do	108
			60
	Kate F. Coke Tacoma Chamber of Commerce and Board	do -	60
	of Trade.		0.
	J. Bryan	do	15
	Society for Savings	do	28
	Improvement Loan and Trust Co	do	3 15
	Jno. A. Ubsdell	do	1
	Alex. G. McAdie	Office expenses	
	Edw. P. Jones	do	
	O. L. Fassig	do	
	J. J. Kelliher	do	1
	Orin Parker	do	
	Alex. G. Burns.	do	
	S. C. Emery	do	
	Henry R. Patrick	do	
	C. F. Von Herrmann	do	
	Tacoma Chamber of Commerce and Board of Trade. J. Bryan	do	
	J. M. Cline	do	
	Chas. Adie	do	
	A. J. Mitchell	do	
	Pay roll, Mobile, Ala.	Substation, salaries	12
	Pay roll, Jacksonville, Fla. W. A. Smith Pere Marquette R. R. Co Pennsylvania R. R. Co North Montana Telephone Co Postal Telegraph Cable Co. of Texas Eastern Telephone Co Pacific States Telephone and Telegraph Co Thos. L. Dalton The First National Bank of Moorhead	Use of team	7 5
17	Pere Marquette R. R. Co	Passenger transportationdoService	
	Pennsylvania R. R. Co.	do	1
	North Montana Telephone Co	Servicedo	2 8
	Eastern Telephone Co. of Texas	do	0
	Pacific States Telephone and Telegraph Co.	Services	2
	Thos. L. Dalton	Services	2
19	The First National Bank of Moorhead	Office rent	6
19	New England Telephone and Telegraph Co	Rentdodo	1
	Duluth Telephone Co	do	1
	F. G. Blaisdell	Service	1
	Thos. L. Dalton The First National Bank of Moorhead Sunset Telephone and Telegraph Co New England Telephone and Telegraph Co Duluth Telephone Co F. G. Blaisdell Nebraska Telephone Co Michigan Telephone Co do	Rent Service	1
	do	Rent	1
	Northwestern Telephone Exchange Co	do	
i	The Bell Telephone Co of Philadelphia	do	3
	Southern Telegraph and Telephone Co	Rant	1
i	Jas. Hunter	Dravage	
	Chicago Telephone Co	Delivering bulletins	
	A. A. Bolles	Carting	
	Michigan Telephone Co. do do Northwestern Telephone Exchange Co The Bell Telephone Co of Philadelphia. Southern Telegraph and Telephone Co Southern Bell Telephone and Telegraph Co Jas. Hunter Chicago Telephone Co. A. A. Bolles California Truck Co. L. Naegele & Sons. Dunn & Lemmon. Kansas Farmer Co. The Pegott & French Co. East Florida Printing Co. E. A. Slack Jas. Grant. Consolidated Electric Light Co. of Maine. Peninsular Electric Light and Power Co. Raleigh Electric Co. Marais Lumber Co. The Fort Smith and Van Buren Light and Traction Co.	Printing bulletins	2
	Dunn & Lemmon	do	30
	Kansas Farmer Co	do	30
	The Pegott & French Co	do	2
	E. A. Slack	do	2
	Jas.Grant.	Hire of sailboat	2
	Consolidated Electric Light Co. of Maine.	Electric current	1
	Raleigh Electric Co	do	
	Marais Lumber Co	do	(
	The Fort Smith and Van Buren Light and	do	
	Traction Co.	do	
	American Electrical Works	Supplies	3.
	Marais Lumber Co The Fort Smith and Van Buren Light and Traction Co. P. H. Cheny & Sons American Electrical Worksdo F. L. Ewing Jones & Powell Consumers' Ice Co Union Ice Co F. G. Blaisdell Neal D. Winslow Western Union Telegraph Co. Jno. W. Graham & Co	- do	9.
	F. L. Ewing	Ice	
	Jones & Powell	do]
	Union Ice Co	do	18
	F. G. Blaisdell	Water	(
	Neal D. Winslow	Gasoline	1
	Trout D. Tribbioti		10

Expenditures of Department of Agriculture for year ending June 30, 1901-Cont'd. WEATHER BUREAU—GENERAL EXPENSES—Continued.

	Name.	Nature of payment.	Tota
	Supplemental—Continued.		
1901.			
.ug. 19	A. Brooker & Co	Window shade	\$4
Ì	do	Oil, etc	5
	Ise A Pinney	Ink etc	ě
	S. S. Stanley Jas. A. Pinney The Smith-Premier Typewriter Co	Oil, etc Case pigeonholes Ink, etc Repairing Ink Window screens Casting rollers Casting	1
	Crotty Bros. The J. D. Pace Manufacturing Co., Ltd R. H. Vorpahl Gamble & Ludwig	Ink	2
	The J. D. Pace Manufacturing Co., Ltd	Window screens	2
	R. H. Vorpahl	Gasoline	2
	F. H. Carr		
1	American Hard Rubber Co	Running levels Hard-rubber rod Recasting rollers	8
	L. H. Jones	Recasting rollers	2
	Jno. L. Boland Book and Stationery Co	Ink	J
	Jno. W. Stone braker	Ink Paper Packing boxes	97 15
	May Levy	Oil, etc	1
	B. Ganter	Repairing clock Casting rollers Wall paper	Ę
	Knapp Bros	Casting rollers	(
1	Keens & Sharp	Wall paper	
22	New Orleans Lighting Co	Gas	18 50
200	A Riemann & Co	Envelopes Electric fan	14
	L. H. Jones. Jno. L. Boland Book and Stationery Co Jno. W. Stonebraker J. H. Thiemeyer Max Levy. B. Ganter Knapp Bros Keens & Sharp New Orleans Lighting Co United States Envelope Co A. Riemann & Co Hoke Engraving Plate Co W. W. Best	Pair handles.	1
1	W. W. Best	Repairing telegraph lines	-
	American Type Founders Co	Binders' pins, etc	65
	Hoke Engraving Plate Co	Recoating plates	5(5(
	Jas B Lambie	Supplies	77
	Washington Steamboat Co	do Supplies Transportation	77
	Hoke Engraving Plate Co do Jas. B. Lambie Washington Steamboat Co The Garrett Printing Co. C. W. Curtsinger Peleg Brown Asa Church A. B. Kennedy	Printing bulletins Recoating rollers Use team	28
26	C. W. Curtsinger	Recoating rollers	ě
	Peleg Brown	Use team	1:
	As a Church A. B. Kennedy W. A. Tate D. M. Steen J. T. Laughlin Havre Furniture Co H. M. Knowles	Services	
	W. A. Tate	Repairing rain gauges Repairing clock Carpet paper	
	D. M. Steen	Repairing rain gauges	
	J. T. Laughlin	Repairing clock	1
3	Havre Furniture Co	Carpet paper	16
		Repairing telegraph lines Services	18
	Southwestern Telegraph and Telephone Co.	Rent	
	Statesmen Printing Co. Pacific Transfer Co Jas. N. Fulton	Printing bulletins	101
1	Pacific Transfer Co		10
1	Jas. A. Fulton E. E. (Jarrett Jno. W. Eagleson J. T. Stearns Fred Albright Alie Mawhirter Jas. R. Hobbs Chas L. Katzenberger	Oil	
	Jno. W. Eagleson	Oil Ice Electric current Horse hire	3
- 1	J. T. Stearns	Electric current	i
	Fred Albright	Horse hire	
	Alie Mawhirter	Team hire	4
pt. 6	Chas I Vetzenberger	Services	18
pt. o		Del vices	10
	Chas. S. McElroy Pay roll, Richmond, Va	Substation salaries	24
9	Schneider Bros	Anemometer cups	2
	Fay Foll Richmond, va Schneider Bros Union Typewriter and Supplies Co E. B. Peddinghaus The J. M. Carpenter Tap and Die Co August Mietz Cuprigraph Co R. W. Morrison Construction Co	Anemometer cups. Repairing typewriter Photograph Plug tap	1:
	The I M Carpenter Tan and Die Co	Plugtaph	:
	August Mietz	Lamp	
	Cuprigraph Co	Lamp Sanitary still Erecting wind vane Printing material, etc.	1
	R. W. Morrison Construction Co	Erecting wind vane	
	Inland Type Foundry	Printing material, etc.	1
	E. A. KODEPTSON	Cleaning clock	
	A. H. Thiessen	Office expenses	40
10	S. M. Blandford	do	
	I. W. Morrison Construction Co Inland Type Foundry E. A. Robertson Evans & Meekins A. H. Thiessen S. M. Blandford P. F. Lyons Chas. Stewart	do	
	Unas. Stewart	do	
	A J Mitchell	do	ě
	J. H. Smith	do	-
	Chas. Seewat E. B. Richards A. J. Mitchell J. H. Smith E. J. Fitch Fixed Amend	Repairing doors, etc.	6
	Eimer & Amend Lake Shore and Michigan Southern Rwy.	Supplies	2
20	Lake Shore and Michigan Southern Rwy.	Passenger transportation	2
	Co. Illinois Central R. R. Co	do	19
	The Yazoo and Mississippi Valley R. R. Co- Jacksonville and St. Johns Bar Telegraph	do	18
	Ingleconville and St Johns Pan Tolograph	Service	(
	Line.		

WEATHER BUREAU—GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1901. Sept. 20	Aurora and Friendship Telegraph Line	Sarvice	. \$7.5
JC P 0. 20	Ocean Tow Boat Line	do	2.0
	Ocean Tow Boat Line Philadelphia, Reading and Pottsville Tele-	do	10.0
	graph Co.	3.	- 0
	People's Telephone Co	Office expenses	5.0
	Edw. A. Beals Chicago Edison Co Baltimore and Ohio R. R. Co	Electric light	:8
23	Baltimore and Ohio R. R. Co	Passenger transportation	15.2
	do	do	38.8
	Cumberland Valley R. R. Co.	do	8.8
	Pennsylvania R. R. Co	do	48.
	Grand Trunk Rwy. System Pennsylvania R. R. Co Lake Shore and Michigan Southern Rwy.	do	20.
	Co.		
	Louisville and Nashville R. R. Co	do	3.
	New York, New Haven and Hartford R. R.	do	12.
	do.	do	19.
	Chicago and North-Western Rwy. Co	do	4.
	The Chesapeake and Ohio Rwy. Co.	do	4.
	Nashville, Chattanooga and St. Louis Rwy.	do :	20.
	Co. Michigan Telephone Co	Service	. !
	American Type Founders Co	Type	16.
	Southern Rwy. Codo	Passenger transportation	8
0#	do	do	2.3
27	Fredk. Springmann	do	1. 11.
et. 3	Southern Rwy. Co. Flint & Walling Manufacturing Co.	Attachment for signal towers	480.
	do	Angle irons, etc	3.
	The J. F. W. Dorman Co.		43.
	Marine Review Publication Co	Marine Review	54.
	J. M. Reuss Chicago Great Western Rwy. Co	Services Passenger transportation	15. 12.
	Atlantic Coast Line R. R. Co	do	20.
12	Western Union Telegraph Co	Service	13, 938.
14	Western Union Telegraph Co Southern Pacific Co	Passenger transportation	9.
	Peter Gray		600.
	American Electrical Works	Electric lanterns	3, 400. 12.
	American Electrical Works	VV II O	1/4.
	Total		72,499.

RECAPITULATION.

First quarter	\$35, 949, 47
First quarter Second quarter	76,884.16
Third quarter	135, 665, 88
Fourth quarter Supplemental	79, 797. 16
Supplemental	72,499.46
Total	400, 796. 13

WEATHER BUREAU-GENERAL EXPENSES-SALARIES.

Date.	Name.	Nature of payment.	Total.
1900.			
July 31	O. W. Roberts		\$101.10
	M. B. De Vane		25.00
	Julius C. Hayden	do	84.20
	Ella W. Daniels	do	25.00
	F. L. Johnson	do`	101.10
	Fitzhugh Newman	do	101.10
	Frank R. Beahan		101.10
	Joseph Sands	do	60, 60
	F. H. Griffin	do	18.59
		do	101.10
	Wm. E. Donaldson		101.10
	Jno. R. Williams	do	101.10
	Jas. A. Barwick		101.10
	Thos. Gibson	do	101.10
	Maurice Connell	do	101.10
	Thos. Crawford		101.10

ate.	Name.	Nature of payment.	Tot
900.			
ly 31	J. P. Slaughter	Services	\$1
	Chas. Adrie Jessie A. Brown	do	Ť
	J. J. Killiner Marsden Wright Jas. P. Piercy D. G. Grunow M. E. Conway C. J. Doherty Chas. A. Hyle	do	1
	Jas. P. Piercy	do	1
	D. C. Grunow	do	
	M. E. Conway	do	
	Chae A Hyle	do	
	H. W. Grasse	do	
	H. W. Grasse A. W. Kennie A. J. Davis	do	
	A. J. Davis	do	1
	Geo. W. Scott	do	1
	J. J. Dosher	do	1
	W. U. Simons F. Z. Gosewisch	do	$\frac{1}{1}$
	H. B. Dick	do	
	Hal P. Hardin	do	
	Jno. J. McLean	do	1
	F. Z. Gosewisch H. B. Diek Hal P. Hardin Jno. J. McLean Chas. W. Ling Robt L. Anderson	do	
	Robt. L. Anderson	do	1
	U. D. Stewart	3.	1
	Jos F. Botton Aaron H. Bell N. D. Lane J. P. Fallihee U. G. Myers Geo. F. Todd Fredk H. Brandenburg Julius M. Sherier Wm. J. Bell	do	1
	N.D. Lane	do	1
	J. P. Fallihee	do	1
	U.G. Myers	do	1
	Geo. F. Todd	do	1
	Treak H. Brandenburg	do	1
	Wm. L. Bell	do	1
	Wm. L. Bell Geo. Reeder Jno. W. Byram Wayland Bailey Geo. L. Lovette W. L. Day Benj. M. Jacobs Ferd. J. Walz W. C. McGuiness Balf D. Johnson Albert Brand Jno. J. O' Donnell Geo. W. Eddey Eliz. L. Renoe W. A. Shaw	do	1
	Jno. W. Byram	do	î
	Wayland Bailey	do	
	Geo. L. Lovette	do	
	W.L. Day	do	1
	Benj. M. Jacobs	do	1
	W C McGuiness	do	1
	Balf D. Johnson	do	
	Albert Brand	do	1
	Jno. J. O'Donnell	do	_
	Geo. W. Eddey	do	1
	W A Shaw	do	1
	U. G. Purssell et al.	Salaries	î
	Chas. E. Linney et al	do	1 5
	Jas. J. Gray et al	do	2
	W. H. Fallon et al.	do	1
	Eliz. L. Renoe W. A. Shaw U. G. Purssell et al. Chas. E. Linney et al Jas. J. Gray et al. W. H. Fallon et al Thorp B. Jennings et al W. S. Currier et al Geo. Hass Hagen et al Jno. S. Hazen et al M. E. Blystone et al Chas. Stewart et al Geo. N. Salisbury et al Alex J. Mitchell et al Patck. Connor et al	do	1 2
	Goo Hass Hagen et al	de	1
	Jno. S. Hazen et al	do	1
	M. E. Blystone et al	do	1 2 1
	Chas. Stewart et al	do	1
	D. P. McCallum et al	do	1
	Geo. N. Salisbury et al	do	2
	Patck. Connor et al	do	20
	W. M. Fulton et al	do	3 1 1
	Robt. H. Dean et al	do	1
	Patck. Connor et al. W. M. Fulton et al. Robt. H. Dean et al. C. F. Schneider et al. Robt. Q. Grant et al. Geo. A. Loveland et al. Edw. B. Richards et al.	do	1
	Robt. Q. Grant et al	do	$\frac{1}{3}$
	Geo. A. Loveland et al.	do	3
	Geo E Franklingt al	do	3 2
	Henry B. Hursey et al	do	4
	Geo. N. Wilson et al	do	1
	T. S. Collins et al	do	1
	Henry R. Patrick et al	do	1 3
	Sami. C. Emery et al	do	3
	Lee A. Denson et al	do	į
	Thos S Outram et al	do	Đ A
	Edw. B. Richards et al Geo. E. Franklin et al Henry B. Hursey et al Geo. N. Wilson et al T. S. Collins et al Henry R. Patrick et al Saml C. Emery et al Lee A. Denson et al W. M. Wilson et al Thos. S. Outram et al Frank P. Chaffee et al Wm. M. Dudley et al Henry P. Boyer et al Alex. G. Burns et al Robt. M. Hardinge et al	do	5 4 3
	Wm. M. Dudlev et al	do	1
	Henry P. Boyer et al	do	1
	Alex G Rurns et al	do	1

Date.	Geo. H. Willson et al. E. C. Thompson et al Ford A. Carpenter et al Allen Buell et al L. H. Murdock et al P. F. Lyons et al Robt J. Hyatt et al Orin Parker et al Edw. A. Evans et al C. F. von Herrmann et al Arthur B. Wallaber et al Edw. P. Jones et al Wm. J. Olds et al Frank Ridgway et al O. C. Borrows et al Luther M. Dey et al W. G. Burns et al W. J. Wright, jr., etal Elisha C. Vose et al J. G. Linsley et al L. A. Welsh et al Chas. M. Strong et al E. H. Emery et al Wm. T. Blythe et al L. M. Tarr et al Edw. W. McGann et al Henry C. Bate et al Mym. W. Neifert et al A. F. Sims et al Fenton H. Duff et al Jno. B. Marbury et al David Fisher et al O. L. Fassig et al F. H. Clarke et al Byron H. Bronson et al Saml. M. Blandford et al J. W. Smith et al David Cuthbertson et al P. H. Smyth et al L. N. Jesunofsky et al L. N. Jesunofsky et al L. N. Jesunofsky et al L. N. Pindell et al Jas. H. Smith et al Jas. Bassler et al Jas. S. Bassler et al A. E. Hackett et al Jas. Kenealy et al A. E. Hackett et al Jas. Kenealy et al A. E. Hackett et al Jas. M. Boure et al Jas. Kenealy et al A. E. Hackett et al Jas. Bourie et al Jas. H. Smith et al L. N. Jesunofsky et al C. P. Cronk et al Jas. Kenealy et al A. E. Hackett et al Jas. S. Bassler et al A. E. Hackett et al Jas. Chaspel et al A. E. Hackett et al Jas. H. Smith et al L. N. Jesunofsky et al C. P. Cronk et al Jas. H. Smith et al L. N. Jesunofsky et al C. R. Chappel et al A. E. Hackett et al Jas. Kenealy et al S. S. Bassler et al A. E. Hackett et al Jas. Considine et al Geo. M. Chappel et al N. B. Conger et al Edw. H. Bowie et al Herbert W. Richardson et al Banl. C. Murphy et al Geo. G. Harkness et al L. W. Clime et al Geo. G. Harkness et al L. W. Clime et al David C. Allen et al H. E. Wilkinson et al B. P. Helpen et al Geo. G. Allen et al H. E. Wilkinson et al B. P. Helpen et al G. F. R. Wappenhaus et al C. F. R. Wappenhaus et al G. E. Babcock do Edwin S. Elve	Nature of payment.	Tot
1900.			
uly 31	Geo. H. Willson et al.	Salaries	\$5 1
	E. C. Thompson et al	do	1
	Allon Puell of al	do	1
	L. H. Murdock et al	do	1 3
	P.F. Lyons et al	do	2
	Robt. J. Hyatt et al	do	4
	Orin Parker et al	do	1 3
	Edw. A. Evans et al	do	3
	Arthur R Wallahar et al	do	3
	Edw. P. Jones et al	do	2
	Wm. J. Olds et al	do	ĩ
	Frank Ridgway et al	do	3
	O. C. Borrows et al	do	6
	W G Burns et al	do	0.
	M.J. Wright, ir., et al	do	ĩ
	Elisha C. Vose et al	do	2 13 20 13
	J. G. Linsley et al.	do	13
	L. A. Welsh et al	do	3
	Chas. M. Strong et al	do	25
	Wm T Blythe et al	do	. 5
	L. M. Tarr et al	do	10
	Edw. W. McGann et al	do	10 13 43
	Henry C. Bate et al.	do	4
	Wm. W. Neifert et al.	do	2
	Fonton H Duff et al	do	27
	Jno. B. Marbury et al	do	2: 1: 3:
	David Fisher et al.	do	18
	O. L. Fassig et al	do	18 41 14
	F. H. Clarke et al	do	14
	Byron H. Bronson et al	do	2/ 2/
	J W Smith et al	do	60
	David Cuthbertson et al.	do	37
	P. H. Smyth et al	do	27
	C. P. Cronk et al	do	25 16 15
	Jas. H. Smith et al	do	18
	Chas Davis at al	do	14
	L. M. Pindell et al	do	29
	Walter S. Palmer et al	do	25 25
	Jas. Kenealy et al	do	44
	S. S. Bassler et al	do	44 25 15
	A. E. Hackett et al	do	15
	J. Warren Smith et al	do	40
	Henry A. McNally et al.	do	38
	Geo. M. Chappel et al	do	35 40 60
	N. B. Conger et al	do	60
	Howbort W Richardson et al	do	12
	Danl C. Murphy et al	do	25 18
	Albert Ashenberger et al.	do	18
	Chas. J. Considine et al	do	21
	Geo. B. Wurtz et al	do	12
	E. H. Nimmo et al	do	12
	Louis G Schultz et al	do	10 12
	I. M. Cline et al	do	18 48
	G. W. Felger et al	do	18
	F. W. Conrad et al	do	18 18
	E. K. Demain et al.	do	18
	Elwin J Glass et al	do	13 24 24
	S. W. Glenn et al	do	24
	C. F. R. Wappenhaus et al	do	44
	Robt. G. Allen et al	do	29
ug. 2	H. E. Wilkinson et al	do	29 19 1
17	M. Sentour	Services	$\frac{1}{2}$
	J. K. Ward	do	2 2
	Ray Stahl	do	2
20	J. K. Ward Ray Stahl McL.S. Collom Geo. E. Babcock do Edwin S. Ely	do	
	Geo. E. Babcock	do	-
	do	do	1

te.	Name.	Nature of payment.	Total.
0.			
. 24	Geo. A. Klein A. W. Thompson Otto B. Hart J. K. Ward W. R. Webb Otto B. Hart Geo. T. Todd J. P. Slaughter Thos. Crawford Maurice Connell Thos. Gibson	Services	\$15.0
	A. W. Thompson	do	12.5 46.0
	Otto B. Hart.	do	46.0
	J. K. Ward	do	10.0
01	W. R. Webb	00	40.0
31	Otto B. Hart		48.
	T. D. Classicker	d0	101.
	J. P. Slaughter	do	101.
	Mannico Connoll	do	101, 101.
- 3	Maurice Connell Thos. Gibson. Jas. A. Barwick. Ford. A. Carpenter Jno. R. Williams Eliz. L. Renoe Jos. P. Bolton Oscar D. Stewart R. L. Anderson Chas. W. Ling Jno. J. McLean Hal P. Hardin Harvey B. Dick.	do	101.
	Joe A Ropwick	do	101.
	Ford A Carpenter	do	101.
	Jno R. Williams	do .	101.
	Eliz L. Renoe	do	25.
	Jos. P. Bolton	do	101.
	Oscar D. Stewart	do	101. 101.
	R. L. Anderson	do	84.
	Chas, W. Ling	do	84.
	Jno. J. McLean	do	101.
	Hal P. Hardin	do	84.
	Harvey B. Dick	do	84.1
	F. Z. Gossewisch	do	101.
	Hal P. Hardin Harvey B. Dick. F. Z. Gossewisch W. N. Simons Jos. J. Dosher Geo. W. Scott Albert W. Kenney H. W. Grasse Albert Brand W. C. McGuiness Benj. M. Jacobs W. L. Day Geo. L. Lovett	do	109.
	Jos. J. Dosher	do	60.
	Geo. W. Scott	do	101.
	Albert W. Kenney	do	25.
	H. W. Grasse	do	84.
- 1	Albert Brand	do	101.
	W. C. McGuiness	do	84. 25.
	Benj. M. Jacobs	do	25.
	W. L. Day	do	101.
	Geo. L. Lovett Wayland Bailey. Jno. W. Byram	do	25,
	Wayland Bailey	do	84. 101.
	Jno. W. Byram	do	101.
	Geo. Reeder	do	101.
	Geo. W. Eddey	00	101.
	Geo. W. Eddey Jno. J. O'Donnell Balf. D. Johnson	00	84.
	Emma D Channa	do	25.
	M W DoVono	do	25. 25.
	Geo R Oberholzer	do	98.
	Jos Sands	do	60.
	Frank R. Beahan	do	101.
	Fitzhugh Newman	-do	101.
	F. L. Johnson	do	101. 101.
	Ella W. Daniels	do	25.0
	Julius C. Hayden	do	84.
	W. J. Bennett	do	70.
	M. E. Conway	do	70.
	D. C. Grunaw	do	84.
	Wm. A. Shaw	do	101.
	Jos. C. Piercy	do	101. 101.
	Marsden Wright	do	84.
	J.J. Kelliher	do	84.
	Jno. J. O'Donnell Balf. D. Johnson Emma D. Sharpe M. W. DeVane Geo. R. Oberholzer Jos. Sands Frank R. Beahan Fitzhugh Newman F. L. Johnson Ella W. Daniels Julius C. Hayden W. J. Bennett M. E. Conway D. C. Grunaw Wm. A. Shaw Jos. C. Piercy Marsden Wright J. J. Kelliher Chas. Adie Wm. L. Bell J. M. Sherier U. G. Myers J. P. Fallihee N. D. Lane Aaron H. Bell Jno. B. Marbury et al E. B. Richards et al Alfred F. Sims et al Fenton H. Duff et al David Fisher et al O. L. Fassig et al J. H. Clarke et al Byron H. Bronson et al Saml. M. Blandford et al J. W. Smith et al David Cuthbertson et al	do	84. 42.
	Wm. L. Bell	do	42.
1	J. M. Sherier	do	109.
1	U. G. Myers	do	101.
	J. P. Fallinee	do	60.0
	N.D. Lane	ao	101.
1	Aaron H. Bell	do	101.
	E. D. Diebanda et al	Salaries	266.
	Alfred E Cima et al	00	403.0
	Forter H Duff et al	00	227.
	David Fisher at al	do	126. I 131. 4
	O L Fassio et al	do	417.6
	J. H. Clarko et al	do	
	Byron H Bronson et al	do	141. I 240. 9
	Saml, M. Blandford et al	do	940 0
	Saml. M. Blandford et al J. W. Smith et al David Cuthbertson et al P. H. Smyth et al C. P. Cronk et al Jas. H. Smith et al Lewis N. Jesunofsky et al Chas. Davis et al L. M. Pindell et al W. S. Palmer et al	do	701.4
	David Cuthbertson et al	do	375.
	P. H. Smyth et al	do .	224. (
	C. P. Cronk et al.	do	160.0
	Jas. H. Smith et al.	do	139. 8
	Lewis N. Jesunofsky et al	do	151.4 141.1
	Ol D I	do	141 1
	Chas. Davis et al		

Date.	Name. S. S. Bassler et al Jas. Kenealy et al A. E. Hackett et al Jacob W. Bauer et al J. W. Smith et al. F. H. Brandenberg et al Geo. M. Chappell et al N. B. Conger et al Edw. H. Bowie et al H. W. Richardson et al Danl. C. Murphy et al Albert Ashenberger et al Thos J. Considine et al Geo. B. Wurtz et al E. H. Nimmo et al Jno. R. Weeks et al L. G. Schultzet al E. H. Nimmo et al Jno. R. Weeks et al L. G. Schultzet al L. M. Dey et al O. C. Burrows et al Frank Ridgway et al W. J. Olds et al Edwd. P. Jones et al Solomon Hyman A. B. Wallaber et al C. F. von Herrmann et al E. A. Evans Orin Parker Robt J. Hyatt P. F. Lyons L. H. Murdock Allen Buell E. C. Thompson Geo. H. Willson R. M. Hardinge Alex G. Burns H. B. Boyer W. E. Donaldson Geo. N. Salisbury D. P. McCallum et al U. G. Purssell et al Chas. Stewart et al M. E. Blystone et al Jno. S. Hazen et al E. C. Hobbs et al W. S. Currier et al Thorp B. Jennings et al W. S. Gurrier et al Thor B. Jennings et al H. R. P.	Nature of payment.	Total
1900.			
ug. 31	S. S. Bassler et al	Salaries	\$443 446
	Jas. Kenealy et al	do	446
	A. E. Hackett et al	do	222
	I W Smith et al	do	222 156 402
	F H Brandenberg et al	do	508 409 603 126 251 131
	Geo. M. Chappell et al.	do	409
	N. B. Conger et al.	do	608
	Edw. H. Bowie et al	do	126
	H. W. Richardson et al	do	251
	Danl. C. Murphy et al	do	131
	Albert Ashenberger et al	00	131
	Goo B Wurtz et al	do	210
	E H Nimmoetal	do	126 126 131
	Jno. R. Weeks et al	do	131
	L. G. Schultz et al.	do	131
	L. M. Dey et al	dodo	628
	O. C. Burrows et al	do	131 628 114
	Frank Ridgway et al	do	367
	W.J. Olas et al	00	367 126 210
	Solomon Hyman	Services	210
	A B Wallaber et al	Salaries	18 368 388 387
	C. F. von Herrmann et al	do	389
	E. A. Evans	do	387
	Orin Parker	do	198
	Robt. J. Hyatt	do	198 438 210 328
	P. F. Lyons	do	210
	Aller Prell	00	528
	F. C. Thompson	do	131
	Geo H Willson	do	131 131 520
	R. M. Hardinge	do	210
	Alex G. Burns	do	139
	H. B. Boyer	do	250 131 298 131
	W. E. Donaldson	do	131
	Geo. N. Salisbury	do	298
	D. P. McCallum et al	do	13
	U.G. Purssell et al	00	213
	M F Plystone et al	do	213 193 229 141
	Jno S Hazen et al	do	14
	E. C. Hobbs et al	do	13
	W. S. Currier et al	do	131 218 166
	Thorp B. Jennings et al	do	166
	W.S. Belden et al.	do	264
	G. W. Felger et al	do	17.
	Jas. J. Gray et al	do	19
	T C Colling at al	do	15
	Henry R. Patrick et al	do	26 17 22 12 15 13
	S. C. Emery et al	do	306
	Lee A. Denson et al	do	13
	W. M. Wilson et al	do	13: 51: 45:
	Thos. S. Outram et al	do	45
	W. M. Dudley et al	do	20
	Goo F Grimos et al	do	200 310 114
	Henry C Bate et al	do	426
	E. W. McGann et al.	do	150
	L. M. Tarr et al	do	438 150 16: 530
	W. T. Blythe et al	do	530
	E. H. Emery et al	do	57.
	Lucius A. Welsh et al	do	57. 32. 22.
	Unas. M. Strong et al	do	10
	Flighe C. Vege et al.	do	13. 268 131
	Marone I Wright in et al	do	121
	Wm. G. Burns et al	do	241
	I. M. Cline et al	do	42
	W. H. Fallon et al	do	241 423 131
	F. W. Conrad et al	do	131
	E. R. Demain et al	do	139
	Saml. L. Dosher et al	do	139 134 240 131
	Elvin J. Glass et al	do	240
	KODL B. Harkness et al	do	240 292 446

Date.	Alex J. Mitchell et al. Patrick Connor et al. W. M. Fulton et al. Robt. H. Dean et al. C. F. Schneider et al. Robt. Q. Grant et al. Geo. A. Loveland et al. Geo. E. Franklin et al. Henry P. Hersey et al. Geo. N. Wilson et al. Chas. E. Linney et al. Orris W. Roberts et al. Geo. A. Kleine Clyde Lemon. do. Peter C. Campbell Cecil A. McCord. Albert W. Thompson W. T. Blythe et al. L. M. Tarr et al. E. W. McGann et al. Henry C. Bate et al. Geo. E. Grimes et al. Geo. E. Grimes et al. Geo. E. Grimes et al. Henry C. Bate et al. L. W. Tarr et al. E. W. McGann et al. Henry C. Bate et al. Ceo. E. Grimes et al. Geo. E. Franklin et al. Geo. E. Franklin et al. Henry R. Patrick et al. T. S. Collins et al. Geo. F. Franklin et al. Geo. E. Franklin et al. Edw. B. Richards et al. Chas. F. Schneider et al. N. M. Fulton et al. Robt. Q. Grant et al. Robt. G. Allen et al. Jno. R. Weeks et al. S. W. Glenn et al. Geo. B. Unimes et al. Geo. B. Wurtz et al. Chas. E. Linney et al. Chas. E. H. Nimmo et al. Geo. B. Wurtz et al. Thos. J. Considine et al. Daniel C. Murphy et al. H. W. Richardson et al. Geo. B. Wurtz et al. Thos. J. Considine et al. Daniel C. Murphy et al. H. W. Richardson et al. Chas. Passige et al. David These et	Nature of payment.	Tota
1900.			
Aug. 31	Alex J. Mitchell et al.	Salaries	\$227 311 151 131 197 126 376
J	Patrick Connor et al	do	31.
	W. M. Fulton et al	do	151
	Robt. H. Dean et al	do	13.
	C. F. Schneider et al.	0D	197
	Goo A Loveland et al	do	378
	Geo E Franklin et al	do	230
	Henry P Hersey et al	do	148
	Geo. N. Wilson et al	do	13
	Chas, E. Linney et al	do	589
ept. 17	Orris W. Roberts et al	do	101
18	Geo. A. Kleine	Services	131 589 101
	Clyde Lemon	do	84
	do	do	8]
	Peter C. Campbell	do	81
90	Cecil A. McCord	00 	10
20	Albert W. Thompson	Coloring	= 19
90	V. I. Diythe et al	do	15
	E. W. McGann et al	do	518 157 153 422 111 317 277 437 121 121
	Henry C. Bate et al.	do	42
	Geo, E. Grimes et al	do	11
	Frank P. Chaffee et al	do	313
	L. A. Judkins et al.	do	27
	Thos. L. Outram et al	do	43
	Henry R. Patrick et al	do	12
	T. S. Collins et al	do	12
	Geo. N. Wilson et al	do	127
	Geo. E. Franklin et al	00	121 222 399
	Coo A Loveland et al	do	55,
	Pobt O Guent et al	do	33 12: 19
	Chas F Schneider et al	đo	10
	W M Fulton et al	do	14
	W. U. Simons et al	do	13
	C. F. R. Wappenhaus et al	do	43
	Robt, G. Allen et al.	do	13 43: 28:
	Isaac M. Cline et al	do	32
	Jno. R. Weeks et al	do	12
	S. W. Glenn et al	do	23
	Chas. E. Linney et al	do	286 326 127 286 577 101
	Lee A. Denson et al	do	10.
	E I Class et al	do	123 236 127 127
	F. W. Conved et al	do	191
	W H Fallon et al	do	199
	E. H. Nimmo et al	do	120
	Geo. B. Wurtz et al	do	12: 20: 12: 24:
	Thos. J. Considine et al	do,	20
	Daniel C. Murphy et al	do	12
	H. W. Richardson et al	do	243
	N. B. Conger et al	do	58
	T W Smith of al	do	39
	A E Hackett et al	do	45
	Jas Kenealy et al	do	21: 43: 23:
	W.S. Palmer et al	do	92
	Lewis M. Pindell et al	do	21
	Chas. Davis et al.	do	13
	David Cuthbertson et al	do	13 36
	J. W. Smith et al.	do	68
	S. M. Blandford et al	do	23
	B. H. Bronson et al	do	23
	David Fisher et al	do	68: 23: 23: 40: 12:
	Ino R Marbury et al	do	12
	F H Daff et al	do	27
	A B Wallaher et al	do	125 35
	G. W. Felger et al.	do	166
	Wm. S. Belden et al	do	160 250 123 133
	E. C. Hobbs et al	do	12
	Jno. S. Hazen et al.	do	13
	Chas. Stewart et al	do	183 123 23
	Danl. P. McCallum et at	do	12
	Elez. L. Renoe	Services	23
	Geo. W. Salisbury et al.	Salaries	288 137 127

ate.	Name.	Nature of payment.	To
900.	Allen Buell et al L. H. Murdock et al Robt J. Hyatt et al E. A. Evans et al Chas. F. von Herrmann et al E. P. Jones et al Frank Ridgway et al W. G. Burns et al M. J. Wright, jr., et al Elisha C. Vose et al J. G. Linsley et al L. A. Welsh et al J. G. Linsley et al L. A. Welsh et al J. G. Linsley et al L. A. Welsh et al J. G. Lysse et al L. A. Welsh et al J. G. Lysse et al L. A. Welsh et al J. G. Lysse et al L. A. Welsh et al J. G. Lysse et al L. A. Welsh et al J. G. Purssell et al W. G. Purssell et al W. M. E. Blystone et al L. G. Purssell et al W. M. E. Jonaldson et al Harry B. Boyer et al Robt. M. Hardinge et al Geo. H. Willson et al F. A. Carpenter et al D. C. Burrows et al O. C. Burrows et al O. C. Burrows et al O. C. Burrows et al D. Willson et al E. H. Emery et al Dexter C. Grunow et al W. M. Wilson et al Saml. C. Emery et al Marsden Wright Geo. H. Hagen Henry B. Hersey et al Robt. H. Dean et al Patrick Connor et al Alex. J. Mitchell et al Saml. L. Dosher et al E. R. Demain et al F. H. Brandenberg et al J. S. Bassler et al L. N. Jesunofsky et al C. P. Cronk et al F. H. Clarke et al A. F. Sims et al J. C. Hayden Ella W. Daniels Fitzhugh Newman Frank R. Beahan Jos. Sands Jno. R. Williams Jas. A. Barwick Thos. Gibson Maurice Connell J. P. Slaughter Chas. Adie Emma D. Sharpe J. J. Kelliher Thos. Crawford Jno. C. Piercy M. E. Conway H. W. Grasse Fredk. G. Gosse wisch Harlye B. Dick Hal B. Hardin Jno. J. McLean Geo. T. Todd E. H. Bowie R. L. Anderson C. W. Ling. A. H. Shorpe J. J. Kelliher Thos. Grawford Jno. C. Piercy M. E. Conway H. W. Grasse Fredk. G. Gosse wisch Harlye B. Dick Hal B. Hardin Jno. J. McLean Geo. T. Todd E. H. Bowie R. L. Anderson C. W. Ling. A. H. Shorpe J. J. Kelliher Thos. Grawford Jon. C. Piercy M. E. Conway H. W. Grasse Fredk. G. Gosse wisch Harlye B. Dick Hal B. Hardin Jno. J. McLean Geo. T. Todd E. H. Bowie R. L. Anderson C. W. Ling. A. H. Shorpe J. W. Byers Julius M. Sherier Alpheus Drinkwater Geo. Reder J. W. Byers		
t.30	Allen Buell et al	Salaries	S
	L. H. Murdock et al	do	\$
	Robt. J. Hyatt et al	do	
	Chas E van Hammann et al	do	
	E. P. Ionge et al	do	
	Frank Ridoway et al	do	
	W. G. Burns et al	do	
	M. J. Wright, jr., et al	do	
1	Elisha C. Vose et al	do	
	J. G. Linsley et al	do	
1	Chas. M. Strong et al	do	
	L. A. Welsh et al	do	
	T R Jannings at al	do	
	Wm. S. Currier et al	- do	
- 1	M. E. Blystone et al.	do	
- 1	U.G. Purssell et al	do	
1	Wm. E. Donaldson et al	do	
	Harry B. Boyer et al	do	
	Coo H William et al	CD	1
	E A Comporter et al	00	
	Patrick F Lyons et al	do	
	Orin Parker et al	do	
	Wm. J. Olds et al	do	
	O. C. Burrows et al	do	
	L. M. Dey et al	do	
	E. H. Emery et al	do	-
	Dexter C. Grunow et al	do	
	W. M. Wilson et al	do	1
	Maredon Wright	Sorvices	
	Gao H Hagan	do	
	Henry B. Hersey et al	Salaries	4
	Robt, H. Dean et al	do	4
	Patrick Connor et al	do	é
	Alex. J. Mitchell et al	do	6
	Saml. L. Dosher et al.	do	
- 1	E. R. Demain et al	do	
	F. H. Brandenberg et al.	do	4
	S S Recelar et al	do	Š
1	L. N. Jesunofsky et al	do	1
	C. P. Cronk et al	do	
	P. H. Smyth et al	do	2
	F. H. Clarke et al	do]
	A. F. Sims et al	do	7
	J. C. Hayden	Services	
	Ella W. Dalliels	ao	
	Frank R. Beahan	do	
	Jos. Sands	do	
	Jno. R. Williams	do	
	Jas. A. Barwick	do	
	Thos. Gibson	do	
	Maurice Connell	do	
	J. P. Slaughter	00	
	Unas. Adie	00	
	J. J. Kelliher	do	
	Thos. Crawford	do	
	Jno. C. Piercy	do	
	M. E. Conway	do	
	H. W. Grasse	do	
	Fredk. G. Gossewisch	do	
	Harvey B. Dick	do	
	Inc. I MeLean	do	
	Geo T Todd	do	
	E H Rowie	do	
	R. L. Anderson	do	
	C. W. Ling	do	
	Aaron H. Bell	do	
	U.G. Myers	do	1
1	Julius M. Sherier	do	1
	Alpneus Drinkwater	do	,
		do	

Dat	te.	Name.	Nature of payment.	Total.
190	00.			
ept		Benj. M. Jacobs. W. C. McGuiness Albert Brand. Jno. J. O'Donnell Geo. W. Eddey N. D. Lane Orris W. Roberts. F. L. Johnson	Services	\$24.
-		W. C. McGuiness	do	81. 97.
		Albert Brand	do	97.
		Jno. J. O'Donnell	do	81. 97. 97.
		N. D. Lane	do	97.
		Opric W Roberts	do	97.
		Orris W. Roberts F. L. Johnson W. A. Shaw Walter J. Bennett Albert W. Kennie Clyde Lemon Geo. W. Scott L. Deeber	do	97.
		W. A. Shaw	do	97. 97.
		Walter J. Bennett	do	68.
		Albert W. Kennie	do	25.
		Clyde Lemon	do	81.
		Geo. W. Scott	do	97.
		J. J. Dosner	do	58. 97. 97.
		U. D. Stewart	do	97.
		Albort Ashanbargar	do	97.
		J P Fallihee	do	58.
		W. L. Chanev	do	14.
		J. J. Dosher O. D. Stewart Jos. P. Bolton Albert Ashenberger J. P. Fallihee W. L. Chaney Wayland Bailey Log H. Smith	do	81.
		Jas. H. Smith	do	106.
		Geo. L. Lovett	do	25. 97.
	*	Walcott L. Day	do	97.
		Jas. H. Smith Geo. L. Lovett Walcott L. Day. Balfe D. Johnson	do	25.
				00.00
		Total first quarter		96, 299.
	9	Tamia C. Cabulta et al	Calarias	11"
ct.	13 13	Louis G. Schultz et al Cecil H. McCord Geo. A. Klein Wm. W. Christman	Salaries	117. 20.
	16	Goo A Wlein	Service	12.
	10	Wm W Christman	do	96
		Jos. S. Farmer	do	26. 22. 9.
		Harry B. Nichols	do	9
	18	Walter W. Thomas	do	15.
	25	Guy C. Harris	do	18.
		Erle Adams	do	9.
		C. W. Kennedy	do	20.
	20	Wm. W. Christman Jos. S. Farmer Harry B. Nichols Walter W. Thomas Guy C. Harris Erle Adams C. W. Kennedy Wm. Bergman Robt. E. Glenn do Jno. C. Foster	do	24.
	26	Robt. E. Glenn	do	5. 2.
		do	do	2.
	31	C W Eddor	do	17.
	91	T. A Indizing	do	101.
		Albert Brand	do	84. 101.
		W C McGuiness	do	81
		Jno. J. O'Donnell	do	84. 84. 18.
		Benj. L. Miller	do	18.
		Benj. M. Jacobs	do	25.
		W. L. Day	do	101.
		Geo. L. Lovett	do	101. 25.
	- 3	W. Bailey	do	84.
		Juo. W. Byram	00	101.
		Alphane Drinkwater	do	101. 42.
		Julius M Sherier	do	109.
		Geo. T. Todd	do	100.
		U. G. Myers	do	101. 101.
		J. P. Fallihee	do	60.
		Albert Ashenberger	do	101.
		N. D. Lane	do	101.
		Aaron H. Bell	do	101.
		Eliz. L. Kenoe	00	25.
		Ches F Holmes	00	101.
		O D Stewart	do.	57.
		Robt. L. Anderson	do	101.
		Chas. W. Ling	do	84. 81.
		Jno. J. McLean	do	101.
		Hal P. Hardin	do.	84.
		Harry B. Dick	do	84. 84.
		F. Z. Gossewisch	do	101.
		wm. Bergman Robt. E. Glenn do Jno. C. Foster G. W. Eddey L. A. Judkins Albert Brand W. C. McGuiness Jno. J. O'Donnell Benj. I. Miller Benj. M. Jacobs W. L. Day Geo. L. Lovett W. Bailey Jno. W. Byram Geo. Reeder Alpheus Drinkwater Julius M. Sherier Geo. T. Todd U. G. Myers J. P. Fallinee Albert Ashenberger N. D. Lane Aaron H. Bell Eliz. L. Renoe Jno. P. Bolton Chas. E. Holmes O. D. Stewart Robt. L. Anderson Chas. W. Ling Jno. J. McLean Hal P. Hardin Harry B. Dick F. Z. Gossewisch Jno. J. Dosher Geo. W. Scott F. L. McClintic M. J. Driscoll Albert W. Kennie	do	60.
		Geo. W. Scott	do	101.
		F. L. McClintic M. J. Driscoll Albert W. Kennie	do	84.
		M. J. Driscoll	do	16.
		Albert W. Kennie	do	
		H. W. Grasse	do	84.
		H. W. Grasse W. J. Bennett M. E. Conway W. A. Shaw	do	70.
		W B Conway .	do	70.

1	Jos. C. Piercy Morton Brown Marsden Wright Wm G. Burns J. J. Kelliher Emma D. Sharpe Chas. Adie J. P. Slaughter R. E. Pollock Wm. J. Buhmann W. J. Cowley C. A. McCord Orris W. Roberts J. C. Hayden Ella W. Daniels F. L. Johnson Fitzhugh Newman F. R. Brehan Jos. Sands Geo. H. Hagen Jno. R. Williams Jas. A. Barwick Thos. Gibson Maurice Connell Wm. D. Maxwell Marcus J. Wright, jr A. F. Sims et al F. H. Duff et al Jno. B. Marbury et al David Fisher et al O. L. Fassig et al F. H. Clarke et al B. H. Bronson et al S. M. Blandford et al J. W. Smith et al D. Cuthbertson et al L. M. Jesofnsky et al C. P. Cronk et al Jas. H. Smith et al L. N. Jesofnsky et al C. P. Cronk et al Jas. Kenealy et al Jas. Kenealy et al Jas. Kenealy et al A. E. Hackett et al Jas. Kenealy et al A. E. Hackett et al J. W. Smith et al F. H. Brandenburg et al Geo. M. Chappell etal N. B. Conger et al E. A. Bowie et al L. M. Dey et al C. A. Bowie et al H. W. Richardson et al E. A. Bowie et al L. M. Dey et al C. B. A. Bowie et al L. M. Dey et al C. B. A. Bowie et al C. F. Von Herrmann et al Edw. A. Evaner et al A. B. Wallaber et al C. F. Von Herrmann et al Edw. A. Evaner et al A. B. Wallaber et al C. F. Von Herrmann et al Edw. A. Evaner et al A. B. Wallaber et al C. F. Von Herrmann et al Edw. A. Evaner et al A. B. Wallaber et al C. F. Von Herrmann et al Edw. A. Evaner et al A. B. Wallaber et al C. F. Von Herrmann et al Edw. A. Evaner et al A. B. Wallaber et al C. F. Von Herrmann et al Edw. A. Evaner et al A. E. Glurnes et al A. E. On. Salisbur et al A. D. P. McCallum et al A. D. W. Slisbury et al A. E. C. Hobbs et al	Serv	
1	Jos. C. Piercy Morton Brown Marsden Wright Wm. G. Burns J. J. Kelliher Emma D. Sharpe	Serv	
	Morton Brown Marsden Wright Wm. G. Burns J. J. Kelliher Emma D. Sharpe	C	ice
	Marsden Wright Wm. G. Burns J. J. Kelliher Emma D. Sharpe		lo
	ym. G. Burns J. J. Kelliher Emma D. Sharpe		lo
	Emma D. Sharpe		10
	initia D. Sharpe		10
	Chas Adie		10
	J. P. Slaughter		lo
	R. E. Pollock		lo
	Wm. J. Buhmann		lo
	W. J. Cowley	ċ	lo
	C. A. McCord	C	lo
	Orris W. Roberts		0
	J. C. Hayden	0	10
	F. L. Johnson	(lo
	Fitzhugh Newman		10
	F. R. Brehan	6	10
	Jos. Sands		lo
	Geo. H. Hagen	ċ	lo
	Jno. R. Williams	ċ	0
	Jas. A. Barwick	C	0
	Thos. Gloson	C	10
	Wm D Maywell	C	10
	Warcus I Wright in	0	10
	A. F. Sims et al	Sala	ries
	F. H. Duff et al.		lo
	Jno. B. Marbury et al	c	lo
	David Fisher et al.	ċ	lo
	O. L. Fassig et al		lo'
	F. H. Clarke et al		0
	B. H. Bronson et al	C	0
	J. W. Smith of al	C	10
	D. Cuthbortson et al		10
	P. H. Smyth et al		lo
-	C. P. Cronk et al		0
- 1	Jas. H. Smith et al-	C	lo
	L. N. Jesofnsky et al	đ	lo
	Chas. Davis et al	0	lo
	L. M. Pindell et al	C	0
1	Walter S. Palmer et al	C	10
	Tee Vangely at al		lo
1	A E Hackett et al	Ċ	io
	Jacob W. Bauer et al.	c	lo
	J. W. Smith et al	Ċ	lo
	F. H. Brandenburg et al	Ĉ	lo
	Geo. M. Chappell et al	C	lo
	N.B. Conger et al		10
	E. A. Bowie et al.	C	10
	I. W. Dov et al		10
	O. C. Burrows et al		0
	Frank Ridgway et al		lo
	W. J. Olds et al.	6	lo
	Edwd. P. Jones et al		lo
	A. B. Wallaber et al.		lo
	C. F. Von Herrmann et al		10
	Edw. A. Evans et al.		10
	Poht (Hyattotal		10
	P F Lyons et al		10
	L. H. Murdock et al		10
	Allen Buell et al		lo
	Ford A. Carpenter et al.		lo
	Edwin C. Thompson et al		lo
	Geo. H. Willson et al		lo
	Robt. M. Hardinge et al		10
	Alex. G. Burns et al.		10
	Harry B. Boyer et al		10
	Goo N Salisbury et al		10
	D.P. McCallum et al		10
	N. G. Purssell et al		10
	Chas. Stewart et al.		lo
	M. E. Blystone et al.		lo
	Jno. S. Hazen et al.		lo

Date.	Wm. S. Currier et al. T. B. Jennings et al. W. S. Belden et al. G. W. Felger et al. A. J. Mitchell et al. Saml. C. Emery et al. H. B. Hersey et al. C. F. R. Wappenhaus et al. C. M. Strong et al. E. W. McGann et al. E. W. McGann et al. E. W. McGann et al. Elisha C. Vose et al. Thos. S. Outram et al. Lee A. Denson et al. Julius G. Linsley et al. Eben H. Emery et al. Lucius A. Welsh et al. Dexter C. Grunow et al. W. M. Wilson et al. Geo. B. Wurtz et al. W. T. Blythe et al. Henry C. Bates et al. Geo. E. Grimes et al. Frank P. Chaffee et al. W. M. Dudley et al. Henry R. Patrick et al. Geo. N. Wilson et al. Geo. A. Loveland et al. Geo. A. Loveland et al. Robt Q. Grant et al. W. M. Fulton et al. W. M. Fulton et al. W. M. Glans et al. S. W. Glenn et al. Robt B. Harkness et al. Elvin J. Glass et al. Saml. L. Dosher et al. E. W. Genne et al. Robt B. Harkness et al. Elvin J. Glass et al. Robt B. Harkness et al. Elvin J. Glass et al. Robt B. Harkness et al. Elvin J. Glass et al. Robt B. Harkness et al. Elvin J. Glass et al. Saml. L. Dosher et al. E. H. Nimmo et al. W. W. Fallon et al. L. M. Tarr et al. L. M. Dey, jr., et al. Ellisha C. Cord Camden W. Kennedy Robt C. Garber J. Grant et al. L. M. Dey, jr., et al. Elisha C. Vose et al. Elisha C. Vose et al. L. M. Dey, jr., et al. Elisha C. Tarr et al. L. M. Dey, jr., et al. Elisha C. Vose et al. Elisha C. Tarr et al. L. M. Dey, jr., et al. Elisha C. Tarr et al. L. M. Dey, jr., et al. Elisha C. Tarr et al. L. M. Dey, jr., et al. Elisha C. Tarr et al. L. M. Dey, jr., et al. Elisha C. Tarr et al. L. M. Selden et al. L. M. Tarr et al. L. M. Selden et al. L. M. Tarr et al. L. M. Selden et al. L. M. Tarr et al. L. M. Selden et al. L. M. Tarr et al. Elisha C. Vose et al. Elisha C. Welsha et al. Geo. A. Geon et al. Been H. Emery et al. Henry C. Bates et al. Geo. A. Geon et al. Been H. Emery et al. Henry C. Bates et al. Geo. N. Salisbury et al. Geo. N. Salisbury et al. Geo. N. Salisbury et al.	Nature of payment.	Total.
1900.			2212
Oct. 31	Wm. S. Currier et al.	Salaries	\$218.7 166.8
	T. B. Jennings et al	do	100.8
	G W Felger et al	do	264.3 171.3 227.3 240.3
	A. J. Mitchell et al.	do	227.
	Saml. C. Emery et al	do	240.9
	H.B. Hersey et al	do	448. 446. 227.
	C. F. R. Wappenhaus et al.	do	446.
	E. W. McGann et al	do	156
	Edw. B. Richards et al.	do	156.5 412.8 268.0
	Elisha C. Vose et al	do	268. (
	Thos. S. Outram et al	do	451.4
	Lee A. Denson et al.	do	131.4 131.4 571.6
	Eben H Emery et al	do	571.0
	Lucius A. Welsh et al	do	323.
	Dexter C. Grunow et al	do	144.8 528.9 126.1
	W. M. Wilson et al	do	528.
	Geo. B. Wurtz et al	do	126.
	W T Rivthe et al	do	213.5 510.0 438.0
	Henry C. Bates et al	do	438.0
	Geo. E. Grimes et al	do	114.
	Frank P. Chaffee et al.	do	328.
	W. M. Dudley et al	do	328. 166. 131.
	T S Collins et al	do	115.
	Geo. N. Wilson et al	do	131.
	Geo. E. Franklin et al	do	131. 230. 348.
	Geo. A. Loveland et al	do	348.
	Robt. Q. Grant et al	do	126. 151. 139.
	W.M. Fulton et al	do	131.
	Patrick Conner et al	do	311.
	Robert G. Allen et al	do	311. 292. 240.
	S. W. Glenn et al.	do	240.
	Robt. B. Harkness et al	do	131.
	Saml I. Doshov et al	do	240.9
	E. R. Demain et al	do	134. 139.
	F. W. Conrad et al	do	131.
	W. H. Fallon et al	do	131. 131.
	Louis G. Schultz et al	do	131.
	Jno. R. Weeks et al	do	131.
	Thos. J. Considing et al	do	131. 210.
	D. C. Murphy et al	do	131.
	I. M. Cline et al	do	323. 120.
	L. M. Dey, jr., et al	do	120.
	Robt. H. Dean et al	do	131. 197.
	L. M Tarret al	do	161.
	C. E. Linney et al	do	589.
Nov. 2	Balf. D. Johnson	Services	589. 25.
8	Early G. Colvin	do	1.
12	Cecil A. McCord	do	9. 19. 8.
12	Robt C Garbar	do	19.
20	J. Garland Miller	do	10.
23 30	Mathew B. De Vane	do	19.
30	W. S. Belden et al	Salaries	256.
	Luther M. Dey et al.	do	608.
	H.J. Wright, Jr., et al.	do	250
	Julius G. Linsley et al	- do	127.
	L. A. Welsh et al	do	19. 256. 608. 137. 259. 127. 313. 220. 212. 553.
	Chas. M. Strong et al	do	220.
	Jas. J. Gray et al	do	212.
	W T Blythe et al	do	519
	L. M. Tarr et al	do	512. 133. 151.
	Edw. W. McGann et al	do	151.
	Dexter C. Grunow et al	do	140.
	Henry C. Bate et al	ob	424. 572. 203.
	Robt M Handings at al	do	572.
	Alex G Burns et al	do	203. 195
	Harry B Royer et al	do	135. 243. 288.
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е.	Name.	Nature of payment.
	Danl. P. McCallum et al. U. G. Purssell et al Chas. Stewart et al M. E. Blystone et al Jno. S. Hazen et al E. C. Hobbs et al E. C. Hobbs et al E. C. Hagen et al E. C. Hagen et al E. C. Hagen et al T. B. Jennings et al G. W. Felger et al O. C. Burrows et al Frank Ridgway et al Wm. S. Ourrie et al T. B. Jennings et al O. C. Burrows et al Frank Ridgway et al Wm. J. Olds et al Edwd. P. Jones et al Arthur P. Wallaber et al O. F. von Herrmann et al E. A. Evans et al Orin Parker et al Robt. J. Hyatt et al P. F. Lyons et al L. H. Murdock et al Allen Buell et al Ford A. Carpenter et al E. C. Thompson et al Chas. E. Linney et al E. G. Grant et al Geo. A. Loveland et al E. B. Richards et al Geo. F. Franklin et al Geo. F. Franklin et al Geo. F. Franklin et al Geo. E. Grimes et al T. S. Collins et al Henry R. Patrick et al Saml. E. Emery et al Frank P. Chaffee et al Geo. E. Grimes et al Alfred S. Sims et al Frank P. Chaffee et al Frank P. Chaffee et al Geo. E. Grimes et al Alfred S. Sims et al Fenton H. Duff et al Jno. B. Marbury et al D. Fisher et al B. H. Bronson et al F. H. Clarke et al B. H. Bronson et al Jas. H. Smyth et al Jas. Kenealy et al Jas. Kenealy et al H. W. Smith et al Jas. Kenealy et al D. H. Saraden yet al D. H. Smyth et al Jas. Kenealy et al D. W. Smith et al Jas. Kenealy et al D. H. W. Smith et al Jas. Kenealy et al D. H. W. Smith et al Jas. Kenealy et al D. H. W. Smith et al Jas. Kenealy et al David Cuthbertson et al	
30	Danl. P. McCallum et al	Salaries
	U. G. Purssell et al	do
	Chas. Stewart et al	do
	M.E. Blystone et al	do
	Jno. S. Hazen et al	do
	Geo H Hagen et al	do
	Wm S Currie et al	do
	T. B. Jennings et al	do
	G. W. Felger et al	do
	O. C. Burrows et al	do
	Frank Ridgway et al.	do
1	Wm. J. Olds et al	do
	Author D. Welleber et al	do
	C. F. von Herrmann et al	do
	E. A. Evans et al	do
	Orin Parker et al.	do
	Robt. J. Hyatt et al	do
	P. F. Lyons et al	do
	L. H. Murdock et al	do
	Allen Buell et al.	do
	Ford A. Carpenter et al.	do
	Chas F Linnov et al	do
	R. H. Dean et al	do
	R. O. Grant et al	do
	Geo. A. Loveland et al	do
	E. B. Richards et al	do
	Geo. E. Franklin et al	do
	Geo. N. Wilson et al	do
3	T.S. Collins et al	do
	Gent F Emery et al	00
- 1	Jos A Dongén et al	OD
1	Thos S Outram et al	do
	W. M. Dudley et al	do
	Frank P. Chaffee et al	do
	Geo. E. Grimes et al.	do!
	Alfred S. Sims et al	do
-	Fenton H. Duff et al	do
	Jno. B. Marbury et al.	do
	O. I. Fassig et al	do
	F H Clarke et al	do
	B. H. Bronson et al	do
	Saml. M. Blandford et al.	do
	J. W. Smith et al.	do
	David Cuthbertson et al	do
	P. H. Smyth et al.	do
	Jas. H. Smith et al.	
-	Ches Deviset al	do
1	Lewis M. Pindell et al	do
	W. S. Palmer et al.	do
1	S. S. Bassler et al.	do
	Jas. Kenealy et al	do
	A. E. Hakett et al	do
	Jacob W. Bauer et al	do
	J. W. Smith et al.	do
	Goo W Charpell et al.	do
	N P Concernet al	do
	Edw H Rowie et al	do
	H. W. Richardson et al	do
	Danl. C. Murphy et al	do
	Thos. J. Considine et al	do
	Danl. C. Murphy et al. Thos. J. Considine et al. Geo. B. Wurtz et al.	do
	E. H. Nimmo et al	ao
9	Louis G. Schultz et al	
	I. M. Cline et al	
1	W. H. Fallon et al F. W. Conrad et al	do
	E. R. Demain et al	do
	E. R. Demain et al Saml. L. Dosher et al	do
	E. J. Glass et al	do
	R. B. Harkness et al	do
	S. W. Glenn et al C. F. R. Wappenhaus et al Robt. G. Allen et al	do
	C. F. R. Wappenhaus et al	do
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Date.	A. J. Mitchell et al. Patck. Conner et al. W. U. Simons et al. W. M. Fulton et al. Jno. R. Weeks et al. H. B. Hersey et al. W. E. Donaldson et al. C. F. Schneider et al. Richd. A. J. Curtin. Summer Hackett O. W. Roberts. Julius C. Hayden Ella W. Daniels. F. L. Johnson Fitzhugh Newman F. R. Beahan Jos. Sands. Jno. R. Williams J. A. Barwick Thos. Gibson Maurice Connell W. D. Maxwell J. P. Slaughter Emma D. Sharpe J. J. Kelliher Luther M. Dey, jr W. G. Burns Marsden Wright Jos. C. Piercy Wm. A. Shaw M. E. Conway Hugh Legler H. W. Grasse A. W. Kinnie F. L. McClintic Geo. W. Scott Jas. J. Dosher F. Z. Gossewisch Halp P. Hardin Jno. J. McLean Chas. W. Ling Robt. L. Anderson Oscar D. Stewart Jos. L. Cline Jos. B. Bolton Eliz. L. Renoe A. H. Bell Albert Ashenberger U. G. Myers J. P. Fallihee Geo. T. Todd Julius M. Sherier Alpheus Drinkwater Geo. Reeder Wayland Bailey John W. Byram Geo. L. Lovett C. P. Cronk W. L. Day Benj. M. Jacobs W. C. McGuiness Albert Brand Jno. J. O'Donnell Geo. W. Eddey N. D. Lane Balfe D. Johnson Ray C. Johnso	Nature of payment.	Tota
1900.			
ov. 30	A. J. Mitchell et al.	Salaries	\$220 30.
	Patck. Conner et al	do	30.
	W. U. Simons et al	do	13
	W. M. Fulton et al	do	140 121 435
	Jno. K. Weeks et al	do	12:
	W. M. Wilson et al	do	519
	W.E. Donaldson et al	do	513 123 190
	C. F. Schneider et al.	do	190
	Richd, A. J. Curtin	Services	10
	Sumner Hackett	do	39
	O. W. Roberts	do	9
	Julius C. Hayden	do	8:
	Ella W. Daniels	00	2 9 9
	F. L. Johnson	do	9
	F R Reshan	do	9
	Jos Sands	do	5
	Jno. R. Williams	do	9
1	J. A. Barwick	do	9
	Thos. Gibson	do	9
	Maurice Connell	do	999
,	W. D. Maxwell	do	9
	J. P. Slaughter	do	9
	Li Kollibor	do	8
	Luther M Dev iv	do	8
	W. G. Burns	do	12 8 9
	Marsden Wright	do	8
	Jos. C. Piercy	do	9
	Wm. A. Shaw	do	9
	M. E. Conway	do	6
	Hugh Legler	do	6
	H. W. Grasse	do	8
1	F. T. McClintia	do	8 2 8
	Geo W Scott	do	9
	Jas J. Dosher	do	5
	F. Z. Gossewisch	do	g
	Harvey B. Dick	do	5 9 8
	Hal P. Hardin	dodo	8
	Jno. J. McLean	do	8 9 8
	Chas. W. Ling	do	8
	Occar D Stawart	do	8
	Jos. L. Cline	do	9 9
	Jos. B. Bolton	do	9
	Eliz. L. Renoe	do	2
	A. H. Bell	do	2 9 9
	Albert Ashenberger	do	9
	U.G. Myers	do	9
	Coc T Todd	00	5 9
	Julius M Shariar	do	10
	Alpheus Drinkwater	do	10
	Geo. Reeder	do	9
	Wayland Bailey	do	4 9 8
	John W. Byram	do	9
	Geo. L. Lovett	do	9 2 10
	C. P. Cronk	do	10
	W. L. Day	do	9
	W C McGuiness	do	2 8 9
	Albert Brand	do	8
	Jno. J. O'Donnell	do	8
	Geo. W. Eddey	do	9
	N. D. Lane	do	9
	Balfe D. Johnson	do	2
	Ray C. Johnson	do	2
	K. E. Glenn	do	4
	J.J. Beard	do	4.
	Jno. C. Foster H. McP. Baldwin Camden W. Kennedy	do	20
. 11	Camden W Kennedy	do	2
2. 11	R. E. Glenn	do	2
	Camden W. Kennedy R. E. Glenn -do -do -Mary G. Tarr -Fred. W. Brist	do	12
	Mary G. Tarr	do	15
	Fred. W. Brist	do	68
	D-14 O G 1 :	3 -	1

ate.	Name.	Nature of payment.
00.	Wm. J. Buhmann W. J. Crowley Richd. M. Geddings Geo. W. Eddey Jno. D. Blagden B. D. Johnson Albert Brand W. C. McGuiness Benj. F. Jacobs W. C. Day C. P. Cronk Geo. L. Lovett Wayland Bailey Jno. W. Byram Alpheus Drinkwater J. M. Sherier Geo. T. Todd U. G. Myers J. P. Fallinee A. H. Bell Eliz. L. Renoe J. P. Bolton O. D. Stewart R. L. Anderson Class. W. Ling Jno. J. McLean Hal P. Hardin Harvey B. Dick F. Z. Gossewisch Geo. W. Scott F. L. McClintic H. W. Grasse Hugh Legler M. C. Conway W. A. Shaw J. O. C. Piercy J. C. Kelliner Emma D. Sharpe Chas. Adie W. D. Maxwell Maurice Connell Thos. Gibson Jas. A. Barwick Joo. R. Williams Chas. Stewart Jos. Sands Frank R. Beahan Fitzlugh Newman	
2. 19	Wm. J. Buhmann	Services
31	W. J. Crowley	do
	Richd. M. Geddings	do
	Geo. W. Eddey	do
	Jno. D. Blagden	do
	Albert Brand	do
	W. C. Mcthiness	do
	Beni, F. Jacobs	do
	W. C. Day	do
	C. P. Cronk	do
	Geo. L. Lovett	do
	Wayland Bailey	do
	Jno. W. Byram	
	I M Showier	do
	Geo T Todd	do
	U.G. Myers	do
	J. P. Fallihee	do
	A. H. Bell	do
	Eliz. L. Renoe	do
	J. P. Bolton	do
	O.D. Stewart	do
	K. L. Anderson	do
	Unas. W. Ling	do
	Hal P Hardin	do
	Harvey B Dick	do
	F. Z. Gossewisch	do
	Geo. W. Scott	do
	F. L. McClintic	do
	H. W. Grasse	do
	Hugh Legler	do
	M. C. Conway	do
	W. A. Shaw	do
	J.C. Kollibor	do
	Emma D Sharpa	do
	Chas. Adie	do
	W. D. Maxwell	do
	Maurice Connell	do
	Thos. Gibson	do
	Jas. A. Barwick	do
	Jno. R. Williams	do
	Unas. Stewart	do
	Fronk P Rochen	do
	Fitzbuch Newman	do
	F. L. Johnson	do
	Ella W. Daniels	do
	Julius C. Hayden	do
	Orris W. Roberts	do
	Estate of Theo. Bornkassell	do
	Marsden Wright	do
	N D Lane	do
	Jos J Dosher	do
	A. W. Kennie	do
	J. P. Slaughter	do
	Allen Buell et al	Salaries
	Patrick Conner et al	do
	E. H. Emery et al	do
	E. A. Evans et al	do
	Geo. H. Hagan et al	do
	W. G. Brang et al	do
	O C Burrows et al	do
	Frank Ridgway et al	do
	Wm. J. Olds et al	do
	E. P. Jones et al	do
	Jno. R. Williams Chas. Stewart Jos. Sands Frank R. Beahan Fitzhugh Newman F. L. Johnson Ella W. Daniels Julius C. Hayden Orris W. Roberts Estate of Theo. Bornkassell Marsden Wright Sumner Hackett N. D. Lane Jos. J. Dosher A. W. Kennie J. P. Slaughter Allen Buell et al. Patrick Conner et al E. H. Emery et al E. A. Evans et al Geo. H. Hagan et al Chas. E. Linney et al W. G. Burnow et al Frank Ridgway et al Wm. J. Olds et al E. P. Jones et al C. F. von Herrmann et al Oriu Parker et al Robt. J. Hyatt et al Patk. F. Lyons et al L. H. Murdock et al Frank F. Lyons et al L. H. Murdock et al Frank F. Lyons et al L. H. Murdock et al Ford A. Carpenter et al E. C. Thompson et al Robt. J. Hyatte et al Frank Ridgway et al	do
	C. F. von Herrmann et al	do
	Orin Parker et al	do
	Robt. J. Hyatt et al	do
	Patk. F. Lyons et al	00
	E. H. Muraock et al	do
	E C Thompson et al	do
	Geo H Willson et al	do
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ate.	Name.	Nature of payment.	Tota
1900.	Alex. G. Burns et al Harry B. Boyer et al Geo. N. Salisbury et al. Danl. P. McCallum et al U. G. Purssell et al M. E. Blystone et al Jno. S. Hazzen et al E. C. Hobbs et al. W. S. Currier et al W. S. Currier et al T. B. Jennings et al W. S. Belden et al Geo. W. Felger et al Jno. R. Weeks et al L. G. Schultz et al L. G. Schultz et al L. M. Cline et al E. R. Demain et al E. R. Demain et al E. R. Demain et al E. J. Glass et al Robt. B. Harkness et al C. F. R. Wappenhaus et al Robt. G. Alien et al Robt. G. Alien et al Geo. M. Fulton et al Robt. G. Alien et al Geo. A. Loveland et al Geo. A. Loveland et al Geo. A. Loveland et al Geo. A. Fulton et al Geo. E. Franklin et al Geo. W. Wilson et al Geo. W. Tarrick et al Geo. W. Schinson et al Geo. W. Tarrick et al Geo. W. Tarrick et al Geo. W. Tarrick et al		
e. 31	Alex. G. Burns et al	Salaries	\$13
	Harry B. Boyer et al	do	250 290
	Geo. N. Salisbury et al	do	29
	II C Proceed of al	do	13 13
	M E Rivetone et al	do	24
	Jno S Hazzen et al	do	14
	E. C. Hobbs et al.	do	14 13
	W. S. Currier et al.	do	21 16
	T. B. Jennings et al	do	16
	W. S. Belden et al	do	26
	Geo. W. Felger et al	do	17
	Jno. K. Weeks et al	do	13 13 26
	[M. Cline et al	do	26
	W H Fallon et al	do	13
	F. W. Conrad et al	do	13
	Saml. L. Dosher et al	do	13 13
	E. R. Demain et al	do	13
	E. J. Glass et al	do	24 13 24
	Robt. B. Harkness et al	do	13
	S. W. Glenn et al	do	24
	C. F. R. Wappenhaus et al	do	26 22 13
	Root, G. Allen et al.	do	20
	W II Simons et al	do	12
	Weston M Fulton et al	do	15
	Robt H Dean et al	do	15 13
	Charles F. Schneider et al	do	19
	Robt. Q. Grant et al	do	12 34 41:
	Geo. A. Loveland et al.	do	34
	E. B. Richards et al	do	41:
	Geo. E. Franklin et al	do	23 44 13
	H. B. Hersey et al	do	11
	Geo. W. Wilson et al	00	13
	H P Datriels et al	do	10
	Soml C Emery et al	do	13 24
	Lee A. Denson et al	do	13
	W. M. Wilson et al	do	52
	Thos. S. Outram et al.	do	45
	Wm. M. Dudley et al	do	20
	Thos. P. Chaffee et al.	do	52 45 20 32
	Geo. E. Grimes et al	do	11 43
	D. C. Changer et al.	00	14 14
	Edw W McGann et al	do	15
	L. M. Tarr et al	do	15 20
	W. T. Blythe et al	do	53
	Jas. J. Gray et al.	do	22 22 29
	Chas. M. Strong et al	do	22
	L. A. Welsh et al	do	29
	Geo. E. Franklin et al H. B. Hersey et al Geo. W. Wilson et al T. S. Collins et al H. R. Patrick et al W. M. Wilson et al W. M. Wilson et al W. M. Dudley et al Thos. P. Chaffee et al Geo. E. Grimes et al Henry C. Bate et al D. C. Grunow et al H. H. Tarret al W. T. Blythe et al J. W. T. Blythe et al Jas. J. Gray et al Chas. M. Strong et al L. A. Welsh et al J. G. Linsley et al E. C. Vose et al M. J. Wright, jr., et al Luther M. Dey et al S. S. Bassler et al James Kenealy et al J. W. Smith et al J. W. Smith et al A. E. Hackett et al J. Geo. M. Chappel et al K. H. Brandenburg et al Geo. M. Chappel et al N. B. Conger et al E. H. Bowie et al H. W. Richardson et al Danl. C. Murphy et al A. F. Sims et al F. H. Nimmo et al A. F. Sims et al Fenton H. Duff et al J. Tho. B. Marbury et al	do	13
	M. I. Wright in ot of	do	26
	Luther M Dev et al	do	13 26 14 62
	S. S. Bassler et al	do	44
	James Kenealy et al	do	44
	J. W. Smith et al	do	40
	A. E. Hackett et al	do	24
	Jacob W. Bauer et al	do	150
	Geo. Reeder et al	do	120
	F. H. Brandenburg et al	do	44 40 24 15 12 36 40 60
	M. P. Congan et al	do	40
	E. H. Bowie et al	do	13
	H. W. Richardson et al	do	10.
	Danl, C. Murphy et al	do -	13
	Albert Ashenberger et al	do	25 13 12
	Thos. J. Considine et al	do	21
	Geo. B. Wurtz et al	do	12
	E. H. Nimmo et al	do	13
	A. F. Sims et al	do	22
	Fenton H. Duff et al	do	126 438
	Jno. B. Marbury et al	do	
	E. H. Nimmo et al A. F. Sims et al Fenton H. Duff et al Jno. B. Marbury et al David Fisher et al F. H. Clarke et al Byron H. Bronson et al S. M. Blandford et al J. W. Smith et al	do	133
	Rypon H Bronson et al	do	14
	S W Blandford et al	do	240 240 570
	D. DI. Dianului de al	d0	240

250 EXPENDITURES IN THE DEPARTMENT OF AGRICULTURE.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd.

	Name.	Nature of payment.	Total.
1900.			
Dec. 31	David Cuthbertson et al	Salaries	\$375.
	Patrick H. Smyth et al.	do	210.
	Jas. H. Smith et al	do	180.
	Chas. Davis et al	do	151. 141.
	L. M. Pindell et al	do	224.
	David Cuthbertson et al. Patrick H. Smyth et al. Jas H. Smith et al. L. N. Jesunofsky et al Chas. Davis et al L. M. Pindell et al W. S. Palmer et al	do	224. 240.
1901.	Total, second quarter		95, 958.
an. 4	Jos. L. Cline	Services	61.
	W. J. Duba	do	26
	W. J. Duba W. E. Donaldson	do	26. 101.
	R. E. Glenn	do	6
	Chas. H. Whyte Oliver L. Fassig et al	Salarios	10.
16	Chas. Gibbs	Services	417. 28.
	Robt. O. Cook, jr	do	
127	C. W. Kennedy	do	7.
$\frac{17}{18}$	Jno. R. Morton	do	.2.
10	Jno. J. O'Donnell	do	14.
25	R. E. Glenn	do	62, 3. 5.
0.4	Elmer Nickum	do	5.
31	Chas. H. Whyte Oliver L. Fassig et al Chas. Gibbs Robt. O. Cook, jr C. W. Kennedy Jno. R. Morton Le Roi E. Stanton Jno. J. O'Donnell R. E. Glenn Elmer Nickum Geo. H. Eddey Jno. D. Blagden Balf D. Johnson Albert Brand W. C. McGuiness Benj. M. Jacobs W. L. Day C. P. Cronk Geo. L. Lovett Jno. W. Byram A. Drinkwater J. M. Sherier W. G. Myers J. P. Falliher N. D. Lane Aaron H. Bell Jos. P. Bolton O. D. Stewart R. L. Anderson Chas. W. Ling Jno. J. McLean Halvey B. Dick F. Z. Gossewisch Jos. P. Dosher	do	103.
	Balf D. Johnson	OD	86.
	Albert Brand	do	25. 103.
-	W. C. McGuiness.	do	86.
- 1	Benj. M. Jacobs	do	25. 103. 111.
	W. L. Day	do	103.
	Geo I. Lovett	do	111.
	Jno. W. Byram	do	ຂອ. 103
	A. Drinkwater	do	25. 103. 43.
	J. M. Sherier	do	111.
	W. G. Myers	do	103.
	N D Lane	do	103. 62. 103.
	Aaron H. Bell	do	103.
1	Jos. P. Bolton	do	103. 103. 103.
	O. D. Stewart	do	103.
)	Chas W Ling	do	86. 86
	Jno. J. McLean	do	86. 103. 86.
	Hal. P. Hardin	do	86.
	Harvey B. Dick	do	86.
	F. Z. Gossewisch	do	103.
	Geo W Scott	do	86. 103. 62. 103.
J.	F. L. McClintic	do	86.
1	Wayland Bailey	do	86. 86. 25.
	Jno R. Morton	do	25.
9	M E Conway	do	86. 72
	Jos. C. Piercy	do	72. 103.
	Marsden Wright	do	72.
	J. J. Kalliher	do	86.
	Chas Adie	do	72. 86. 25. 72.
	J. P. Slaughter	do	103.
	W. D. Maxwell	do	103. 103.
	Maurice Connell	do	103.
	Thos. Gloson	do	103.
1	Allen Ruell	do	103.
	Jno. R. Williams	do	103. 103. 103.
	Hai P. Hardin Harvey B. Dick F. Z. Gossewisch Jos. J. Dosher Geo. W. Scott F. L. McClintic Wayland Bailey Jno R. Morton H. W. Grasse M. E. Conway Jos. C. Piercy Marsden Wright J. J. Kalliher Emma D. Sharpe Chas. Adie J. P. Slaughter W. D. Maxwell Maurice Connell Thos. Gibson Jas. A. Barwick Allen Buell Jno. R. Williams Jos. Sands Frank Beahan Eitzburgh Norman	do	62
	Frank Beahan	do	103.
	F L. Johnson	do	103. 103. 103.
	Ella W. Daniels	do	25
	Julius C Haydon	do	25. 86. 103.
	O. W. Roberts	do	103.
	O. W. Roberts Sumner Hackett	do	41.
	O. W. Roberts Sumner Hackett Geo. T. Todd	do	41. 103.
	Jos. Sands Frank Beahan Fitzhugh Newman F. L. Johnson Ella W. Daniels Julius C. Hayden O. W. Roberts Sumner Hackett Geo. T. Todd Hugo Legler Eliz. L. Renoe Albert W. Kennie Wm. Bell et al	do	103. 41. 103. 72. 25. 25. 134.

te.	Name. Jno. S. Hazen et al M. E. Blystone et al Chas. Stewart et al Danl. P. McCallum et al Geo. N. Salisbury et al Harry P. Boyer et al R. M. Hardinge et al E. C. Thompson et al Ford A. Carpenter et al L. H. Murdock et al Corin Parker et al L. H. Murdock et al C. F. von Herrmann et al E. A. Evans et al A. B. Wallaber et al C. F. von Herrmann et al Edw. P. Jones et al W. J. Olds et al Frank Ridgeway et al O. C. Burrows et al L. M. Dey et al L. M. Wright, jr., et al Julius J. Linney et al L. A. Welsh et al Chas. M. Strong et al E. H. Emery et al E. H. Emery et al E. C. Hobbs et al E. C. Hobbs et al E. C. Hobbs et al E. C. Hobs et al E. C. Horson et al Geo. E. Guiness et al Henry C. Bate et al Saml. C. Emery et al H. R. Patrick et al Geo. E. Franklin et al Geo. N. Wilson et al H. B. Hersey et al Geo. E. Franklin et al E. B. Richards et al Geo. E. Franklin et al E. B. Richards et al Geo. A. Loveland et al Chas. F. Schneider et al Geo. E. Galiness et al H. B. Hersey et al Geo. E. Galiness et al Geo. E. Galiness et al H. B. Hersey et al Geo. E. Galiness et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Granklin et al E. B. Richards et al Geo. E. Franklin et al E. B. Richards et al Geo. E. Franklin et al E. B. Richards et al Geo. E. Granklin et al Geo. B. Wurtz et al Danl. C. Murphy et al H. R. Bersey et al Geo. Reeder et al Saml. L. Dosher et al E. R. Demain et al Fredk. W. Conrad et al Louis G. Schultz et al E. R. Demain et al Fredk. W. Conrad et al Louis G. Schultz et al E. R. Demain et al Fredk. W. Gonrad et al Louis G. Schultz et al E. R. Demain et al Fredk. W. Smith et al J. W. Buser et al A. W. M. Fallon et al Geo. Reeder et al A. J. Mitchardson et al E. H. Smyth et al Dawl. G. Murphy et al H. R. Hersonson et al E. R. Demai	Nature of payment.	Tota
1901.			
31	Jno. S. Hazen et al	Salaries	\$14 24 18
	M. E. Blystone et al	do	24
	Chas. Stewart et al	do	18
	Danl. P. McCallum et al	do	13 20 25 21
	Geo. N. Salisbury et al	do	20
	Harry P. Boyer et al	do	25
	R. M. Hardinge et al.	do	21
	E. C. Thompson et al	do	13 13
	Ford A. Carpenter et al	do	13
	L. H. Murdock et al	do	33
	Robt. J. Hyatt et al	do	43
	Orin Parker et al	do	19 39
	E. A. Evans et al.	do	39
	A. B. Wallaber et al		30: 39: 24:
	C. F. von Herrmann et al.		99
	W. T. Olda et al	ao	12
	Front Didgower of al	do	33
	O C Proposes et al	do	11
	T. M. Dow et al	do	11 64
	Wm G Burne of al	do	24
	M J Wright ir et al	do	14
	Julius J Linney et al	do	14 13
	L. A Welsh et al	do	33
	Chas, M. Strong et al	do	23
	E. H. Emery et al	do	23: 58:
	Wm. T. Blythe et al	do	54
	Edw. M. McGann et al	do	16 16
	E. C. Hobbs et al.	do	16
	Lee A. Denson et al	do	13
	Thos. S. Outram et al	do	15 46 33 11 44 24 13 13
	Frank P. Chaffee et al.	do	33
	Geo. E. Guiness et al	do	11
	Henry C. Bate et al	do	44
	Saml. C. Emery et al	do	24
	H. R. Patrick et al	do	13-
	T. S. Collins et al	do	13-
	Geo. N. Wilson et al	do	13 45 23
	H. B. Hersey et al.	do	45
	Geo. E. Franklin et al.	do	23
	E. B. Richards et al.	do	39
	Chas E Cabraiden et al		39 35 20
	W. M. Eulton et al	ao	15
	Path Connor et al	do	19
	A J Mitchell et al	do	33; 23; 27;
	Robt G Allen et al	do	976
	C. F. R. Wappenhaus et al	do	456 246 13
	T. W. Glenn et al	do	246
	R. B. Harkness et al	do	13
	E. J. Glasset al	do	240
	Saml, L. Dosher et al.	do	13
	E. R. Demain et al	do	145
	Fredk. W. Conrad et al	do	13' 14' 13
	Louis G. Schultz et al	do	13
	E. H. Nimmo et al	do	13 213 128
	Thos. J. Considine et al	do	213
	Geo. B. Wurtz et al	do	128
	Danl. C. Murphy et al	do	13
	H. W. Richardson et al	do	250 13
	E. H. Bowie et al	do	13
	N. B. Conger et al	do	606 418 447
	Geo. M. Chappel et al.	do	418
	F. H. Brandenburg et al.	do	447
	Geo. Reeder et al	do	13- 410 160
	J. W. Smith et al.	do	410
	J. W. Bauer et al.	do	160
	Tag Wongelwot el		251 456 455 246
	Jas. Nenealy et al.		456
	Welton C Delmon et al	00	45
	I. M Pindoll et al	ao	246
	Ches Davis et al	do	220
	I. N. Josephofeky of al	do	143
	Inc H Smith at al	do	154
	P H Smyth et al	do	184 218 384
	David Cuthhertson et al	do	207
	J W Smith et al	do	556
	J. W. Smith et al Saml. M. Blandford etal B. H. Bronson et al	do	559 246
	~		246

Date.	Name.	Nature of payment.	Tot
1901.	O. L. Fassig et al Jno. B. Marbury et al Geo. H. Hagen et al Robt. Q. Grant et al F. H. Duff et al David Fisher et al Jno. R. Weeks et al I. M. Cline et al W. M. Wilson et al L. M. Tarr et al Jas. J. Gray et al Chas. E. Linney et al Wm. S. Currier et al T. B. Jennings et al W. S. Beiden et al G. W. Felger et al A. F. Sims et al F. H. Clarke et al W. U. Simon et al L. W. H. Fallon et al W. U. Simon et al A. F. Sims et al F. H. Clarke et al W. J. Selden et al G. W. Folger et al A. F. Sims et al F. H. Clarke et al W. U. Simon et al W. U. Simon et al W. U. Simon et al Nounder et al Coo. H. Wilson et al Robt. H. Dean et al Geo. H. Wilson et al Alex. G. Burns W. E. Donaldson et al Nathaniel Chapman Louis Mennier W. J. Duba Patk. McDonough Jno. G. Wood Calvin N. Hunn Geo. M. Wilmath W. C. Cameron Chas. J. Nash Jas. M. Paris		
an. 31	O. L. Fassig et al	Salaries	\$4
	Jno. B. Marbury et al.	do	4
	Geo. H. Hagen et al	do	4 1
	Robt. Q. Grant et al	do]
	F. H. Duff et al	do	j
	David Fisher et al	do	1
	J M Cline et al	do	
	W M Wilson et al	do	. 6
	L. M. Tarr et al	do	. 1
	Jas. J. Grav et al	do	6
	Chas. E. Linney et al	do	- (
	Wm. S. Currier et al	do	1
	T. B. Jennings et al	do	1
	W.S. Belden et al	do	6
	A. F. Cincart al	do	J
	F U Clarks et al	do	2
	W H Fallon et al	do	i
	W.H. Fallon et al	do	-
	Wm. M. Dudley et al	do	1
	Elisha C. Vose et al	do	- 6
	Patk. F. Lyons et al	do]
	Robt. H. Dean et al	do]
	Geo. H. Wilson et al	do	(
	Alex. G. Burns	Services	j
.b 1	W. E. Donaldson et al.	Salaries	
eb. 1	Lanis Monnion	Services	
5	W. J. Duba	do	
9	Patk, McDonongh	do	
	Jno. G. Wood	do	
	Calvin N. Hunn	do	
	Geo. M. Wilmath	do	
8	W. C. Cameron	do	
	Chas. J. Nash	do	
1.7	Jas. M. Paris	do	
11.	F. Ray McMillan U. G. Purssell et al Albert Ashenberger	do	
	U.G. Purssell et al	Salaries	1
	W A Show	Services	1
13	W D Gall	do	
10	Chas Sherman	do]
	Camden W. Kennedy	do	
	Frank Bell	do	
19	Frank C. Murphy	do	
23	F. Ray McMillan	do	
	James R. Haynes	do	
00	W. T. Blythe	do	-
28	Alex. G. Burns	do	,
	File W Daniels	do	1
	F. L. Johnson	do	
	Fitzhugh Newman	do	
	Frank R. Beahan	do	
	Albert Ashenberger W. A. Shaw W. D. Gall Chas. Sherman Camden W. Kennedy Frank Beil Frank C. Murphy F. Ray McMillan James R. Haynes W. T. Blythe Alex. G. Burns J. C. Hayden Ella W. Daniels F. L. Johnson Fitzhugh Newman Frank R. Beahan J. Sands J. Sands J. S. R. Williams Ellen Buell Lea A. Bouwiels	do	
	Jno. R. Williams	do	
	Ellen Buell	do	
	Jas. A. Barwick	do	
	Maurice Connell	do	
	W.D. Maxwell	do	
	J. P. Slaughter		
	Chas Adia	do	
	Emma D Sharpa	do	
	J. J. Kelliher	do	
	Patk, McDonough	do	
	Jos. C. Piercy	dodo	
	W. A. Shaw	do	
	M. E. Conway	do	
	Hugo Legler	do	
	J. Sands Jno. R. Williams Ellen Buell Jas. A. Barwick Maurice Connell W. D. Maxwell J. P. Slaughter Waylan Balley Chas. Adie Emma D. Sharpe J. J. Kelliher Patk. McDonough Jos. C. Piercy W. A. Shaw M. E. Conway Hugo Legler H. W. Grasse Jno. R. Morton Geo. W. Scott F. Z. Gossewisch H. B. Dick Hal. P. Hardin Jno. J. McLean Chas. W. Ling R. L. Anderson	do	
	Jno. R. Morton	do	
	Geo. W. Scott	do	
	F. Z. Gossewisch	do	
	H. B. Dick	do	
	Hal. P. Hardin	do	
	Jno. J. McLean	do	

ate.	Name.	Nature of payment.	Tot
901.	A. H. Bell Albert Ashenberger U. G. Myers. Geo. T. Todd J. M. Sherier A. Drinkwater Jno. W. Byram Geo. L. Lovett C. P. Cronk Benj. M. Jacobs F. J. Walz W. C. McGuiness Albert Brand B. D. Johnson Jno. D. Blagden Geo. W. Eddey Jos. P. Bolton A. W. Kennie Thos. Gibson Frank L. McClintie E. L. Renoe Sumner Hackett Willie J. Duba N. C. Jones Harold Frederick Louis Mennier		
28	A. H. Bell	Services	S
	Albert Ashenberger	do	
	U.G. Myers	00	
	T.M. Shorion	do	1
	A Drinkwater	do	1
	Jno. W. Byram	do	
	Geo. L. Lovett	do	
	C.P.Cronk	do	1
	Benj. M. Jacobs	do	
	F.J. Walz	do	3
	W. C. McGuiness	do	
	R D Johnson	do	3
	Jno D Blagden	do	
	Geo. W. Eddey	do	
	Jos. P. Bolton	do	
	A. W. Kennie	do	
	Thos. Gibson	do	
	Frank L. McClintie	do	
	E. L. Rence	do	
	Willia I Duba	do	
	Willie J. Duba N. C. Jones Harold Frederick Louis Mennier O. W. Roberts H. C. O'Bleness O. D. Stewart N. D. Lane W. L. Day J. Dosher G. W. Felger et al Chas, E. Linney et al Patrick Connor et al Everett C. Hobbs et al E. C. Thompson et al Jas, J. Gray et al L. M. Tarr et al Geo. C. Grimes et al W. M. Wilson et al F. H. Brandenburg et al David Fisher et al A. F. Sims et al Fenton H. Duff et al Jno. B. Marbury et al O. L. Fassig et al B. H. Bronson et al B. M. Blandford et al J. W. Smith et al David Cuthbertson et al David Cuthbertson et al David Cuthbertson et al C. L. Fassig et al David Cuthbertson et al David Cuthbertson et al David Cuthbertson et al L. N. Jesunofsky et al L. M. Smith et al David Cuthbertson et al P. H. Smith et al David Cuthbertson et al Chas. Davis et al L. N. Jesunofsky et al L. M. Pindell et al W. S. Palmer et al Geo. Reeder et al Geo. Reeder et al	do	
	Harold Frederick	do	
	Louis Mennier	do	
	O. W. Roberts	do	
	H. C. O'Bleness	do	
	O. D. Stewart	do	
	N. D. Lane	do	
	W. L. Day	00	
	J.J. DOSEET	Colorios	1
	Chus E Lippov et al	do	5
	Patrick Councr et al	do	5 3 1
	Everett C. Hobbs et al	do	ĭ
	E. C. Thompson et al	do	1 2 1
	Jas. J. Gray et al.	do	2
	L. M. Tarr et al	do	1
	Geo. C. Grimes et al	do	1
	W. M. Wilson et al.	do	4
	P. H. Brandenburg et al	d0	1
	A F Sime at al	do	9
	Fenton H. Duff et al	do	1
	Jno. B. Marbury et al	do	4
	O. L. Fassig et al	do	3
	B. H. Bronson et al	do	2
	S. M. Blandford et al	do	2
	J. W. Smith et al	do	2 2 5 3
	David Cuthbertson et al	do	3
	Inc H Smith et al	do	1
	Chas. Davis et al	do	1
	L. N. Jesunofsky et al	do	1
	L. M. Pindell et al	do	1 2 2
	W. S. Palmer et al	do	2
	Geo. Reeder et al	do	1
	L. M. Pintell et al W. S. Palmer et al Geo. Reeder et al S. S. Bassler et al Jas. Kenealy et al A. E. Hackett et al Jacob W. Bauer et al J. W. Smith et al Geo. M. Chappell et al N. B. Conger et al Edw. H. Bowie et al H. W. Richardson et al D. C. Murphy et al Thos. J. Considine et al Geo. B. Wurtz et al E. H. Nimmo et al Jno. R. Weeks et al Louis G. Schultz et al I. M. Cline et al W. H. Fallon et al F. W. Conrad et al E. R. Demain et al Sam L. Dosher et al Elvin J. Glass et al Robt. B. Harkness et al	do	4
	Jas. Kenealy et al	do	1 4 4 2
	A. E. Hackett et al	do	2
	Jacob w. Bauer et al	,00	1
	Geo M Channell et al	do	1 3 3
	N R Conger et al	do	5 5
	Edw. H Bowie et al	do	1
	H. W. Richardson et al	do	2
	D. C. Murphy et al.	do	ĩ
	Thos. J. Considine et al.	do	1 1
	Geo. B. Wurtz et al	do	î
	E. H. Nimmo et al	do	1
	Jno. R. Weeks et al	do	1
	Louis G. Schultz et al	do	1
	I. M. Cline et al	do	4
	W. H. Fallon et al	do	1
	F. W. Conrad et al	do	1 1
	Sam L. Dosher et al	do	1 1 2 1
	Dam L. Dosner et al	uo	1
	Elvin I Glass at al		

Date.	Name. S. W. Glenn et al Robt, G. Allen et al C. F. E. Wappenhaus et al Alex, J. Mitchell et al W. U. Simons et al W. M. Fulton et al Robt H. Dean et al Chas. F. Schneider et al Robt H. Dean et al Geo. A. Loveland et al Geo. A. Loveland et al Geo. A. Hoveland et al Geo. E. Franklin et al Henry B. Hersey et al Geo. E. Franklin et al Henry B. Hersey et al Geo. N. Wilson et al T. S. Collins et al H. R. Patrick et al Saml. C. Emery et al Lee A. Denson et al. Thos. S. Outram et al Wm. M. Dudley et al Frank P. Chaffee et al Henry C. Bate et al Edw. W. McGann et al W. T. Blythe et al E. H. Emery et al L. A. Welsh et al J. G. Lindsley et al E. H. Emery et al L. A. Welsh et al J. G. Lindsley et al E. C. Vose et al M. J. Wright, jr., et al Luther M. Dey et al Orville C. Burrows et al Frank Ridgway et al Wm. J. Olds et al Edwd. P. Joles et al Edwd. P. Joles et al Edwd. P. Jones et al Arthur B. Wallaber et al Ghas, F. von Herrmann et al Edwd. P. Jones et al Arthur B. Wallaber et al Grank Ridgway et al Wm. J. Olds et al Edwd. A. Evans et al Orin Parker et al Robt J. Hyatt et al Frod A. Carpenter et al Ws. E. Donaldson et al Geo. N. Salisbury et al U. G. Purssell et al D. P. McCallum et al L. H. Murdock et al M. E. Blystone et al H. B. Boyer et al Ws. E. Donaldson et al Geo. N. Salisbury et al U. G. Purssell et al D. P. McCallum et al L. H. Murdock et al Ws. E. Donaldson et al Geo. N. Salisbury et al U. G. Purssell et al D. P. McCallum et al L. H. Murdock et al Ws. E. Donaldson et al Geo. W. Edley J. Sa. F. Atherton Chas, J. Thornton C. W. Kennedy E. A. Valls Wm. Weber Eliz, J. Dosher Thos, C. Athero C. Cameron Chas, J. Thornton C. W. Kennedy E. A. Valls Wm. Weber Eliz, J. Dosher Thos, C. Athero C. Comeron Chas, E. Garrett C. P. Cronk Geo. L. Lovett	Nature of payment.	Total
1901.			
eb. 28	S. W. Glenn et al	Salaries	\$222 184
	Robt. G. Allen et al.	do	184
	C. F. K. Wappennaus et al.	do	412 210 129
	W II Simons et al	do	120
	W. M. Fulton et al.	do	140
	Robt. H. Dean et al.	do	121
	Chas. F. Schneider et al.	do	121 182
	Robt. Q. Grant et al.	do	118 323 381 202
	Geo. A. Loveland et al	do	323
	Edw. B. Richards et al	do	381
	Geo. E. Franklin et al	00	202
	Goo N Wilson et al	do	414
	T S Colling et al	do	121 121
	H R Patrick et al	do	121
	Saml. C. Emery et al.	do	222
	Lee A. Denson et al.	do	121 222 124 417
	Thos. S. Outram et al	do	417
	Wm. M. Dudley et al.	do	186
	Frank P. Chaffee et al	do	303
	Henry C. Bate et al	00	404
	W T Blythe et al	do	144 462 527
	E H Emery et al	do	527
	Chas M. Strong et al.	do	210
	L. A. Welsh et al	do	303
	J. G. Lindsley et al.	do	121
	E. C. Vose et al	do	182 130
	M. J. Wright, jr., et al	do	130
	Luther M. Dey et al.	do	580 105
	Crville C. Burrows et al	do	326
	Wm G Burne et al	do	299
	Wm J Olds et al	do	222 116
	Edwd. P. Jones et al	do	222
	Arthur B. Wallaber et ai	do	272
	Chas. F. von Herrmann et al	do	272 272 353 357
	Edwd. A. Evans et al	do	357
	Orin Parker et al	do	179
	Robt. J. Hyatt et al	do	389
	Ford A Comportor of al	do	272
	W F Donaldson et al	do	121
	Chas Stewart et al	do	121 121 166
	Robt, M. Hardinge et al	do	194
	Geo. N. Salisbury et al	do	194 182
	U. G. Purssell et al	do	121 121
	D. P. McCallum et al	do	121
	L. H. Murdock et al	do	303
	M. E. Blystone et al	00	222 130
	Coo H Willson et al	do	546
	H B Rover et al	do	234
	Wm. Bell et al	do	121
	E. G. Colvin et al	do	121
	W. S. Currier et al	do	204 154
	T.B. Jennings et al	do	154
	W. S. Beldin et al	do	244
ar. 7	Fred H. Clarke et al	do	198 30 15
15	W. C. Cameron	Services	15
	C W Kennedy	do	24
	E A Valls	do	22
23	Wm. Weber	do	7
23 30	Eliz. L. Renoe	do	22 7 25
	Jno. J. Dosher	do	62
	Thos. C. Alford	do	62 12 120
	E. D. Beattie	do	120
	W. C. Cameron	do	109
	Geo. W. Eddey	do	19 103 86
	B D Johnson	do	25
	Albert Brand	do	25 103
	W. C. McGuiness	do	86
	Beni, M. Jacob	do	25
	W. L. Dav	do	25 103
	Chas. E. Garrett	do	31. 111.

e.	Name.	Nature of payment.	Tota
30	Ferd. J. Walz Jno. W. Byram	Services	\$15
	Jno. W. Byram	do	\$15 10
	A. Drinkwater Julius M. Sherier Geo. T. Todd U. A. Myers	do	11 10 10
	Julius M. Sherier	do	11
	II A Myore	do	10
	Joseph Sands	do	6
	Joseph Sands N. D. Lane Aaron H. Bell	do	6 10 10
	Aaron H. Bell	do	10
	Jos. P. Bolton M. L. Leffler O. D. Stewart	do	10
	M. L. Lemer	do	10
	Chas. W. Ling	do	S
	C. D. Stewart Chas. W. Ling Robt. C. Anderson Summer Hackett Orris W. Roberts J. C. Hayden	do	8
	Sumner Hackett	do	8 4 10
	Orris W. Roberts	do	10
	Ella W Daniels	do	8 2 10
	F. L. Johnson	do	10
	Fitzhugh Newman	do	10
	Ella W. Daniels F. L. Johnson Pitzhugh Newman D. C. Grunov	do	ĩ
	JHO. R. WIHRHINS		10 10
	Thos Gibson	do	10
	Maurice Connell	do	10
	Wm. D. Maxwell	do	8 10 10
	Jas. A. Barwick Thos. Gibson Maurice Connell Wm. D. Maxwell J. P. Slaughter Chas. Adie Emma D. Sharpe J. J. Kelliher Patk. McDonough J. C. Piercy Wm. A. Shaw Frank R. Beahan M. C. Conway	do	10
	Chas. Adie	do	2
	J. J. Kelliher	do	8
	Patk, McDonough	do	10
	J. C. Piercy	do	10 10 10
	Wm. A. Shaw	do	10
	Frank R. Beahan	do	10
			7.
	H. W. Grasse	do	8
	Jno. R. Morton	do	2
	A. W. Kennie	do	2 8
	Frank L. McClinic	do	80
	F Z Gossawisch	do	100
	H. B. Dick	do	8
	Hal. P. Hardin	do	100
	Jno. J. McLean	do	103
	Robt G. Allen et al	Colonica	11 27
	C. F. R. Wappenhaus et al	do	45
	S. W. Glenn et al	do	24
	Robt. B. Harkness et al	do	24 13 24
	E. J. Glass et al	do	24
	E P Domain et al	do	13
	F. W. Conrad et al	do	13 14 13
-	W. H. Fallon et al	do	13
	Hugo Legler H. W. Grasse Jno. R. Morton A. W. Kennie Frank L. McClinie Geo. W. Scott F. Z. Gossewisch H. B. Dick Hal. P. Hardin Jno. J. McLean Alex. G. Burns Robt. G. Allen et al C. F. R. Wappenhaus et al S. W. Glenn et al Robt. B. Harkness et al E. J. Glass et al Sam L. Dosher et al E. R. Demain et al F. W. Conrad et al W. H. Fallon et al T. S. Collins et al E. R. Demain et al F. W. Conrad et al W. H. Fallon et al L. G. Schultz et al T. S. Collins et al E. H. Nimmo et al Dan. C. Murphy et al H. W. Richardson et al N. B. Conger et al Jacob W. Bauer et al E. C. Hobbs et al E. C. Hobbs et al Henry C. Bate et al Geo. E. Grimes et al Frank P. Chaffee et al Henry R. Patrick et al Henry R. Patrick et al Geo. F. Franklin et al Edw. B. Richards et al Geo. E. Franklin et al	do	13
	T. S. Collins et al	do	13 13 13
	Den C Mumby et el	do	13
	H W Richardson et al	do	13- 25
	N. B. Conger et al-	do	60
	Jacob W. Bauer et al	do	160
	A. E. Hackett et al	do	25
	E. W. McGann et al.	do	160
	Honry C Rate et al	do	16
	Geo. E. Grimes et al	do	111
	Frank P. Chaffee et al.	do	44 11 33
	Thos. S. Outram et al	do	46
	Henry P. Patrick et al	do	13 13
	Geo N Wilson et al	0D	13-
	Henry B. Hersey et al.	do	458
	Geo. E. Franklin et al	do	246
	Edw. B. Richards et al.	do	42
	Geo. J. Loveland et al	do	240 421 356 13-
	W M Fulton et al	do	13:
	Chas. F. von Herrmann et al	do	15: 390
			38

Date.	Frank Ridgway et al O. C. Burrows et al L. M. Dey et al Wm. G. Burns et al Marcus J. Wright et al Elisha C. Vose et al Julius G. Linsley et al Lucius A. Welsh et al Chas. M. Strong et al E. H. Emery et al Wm. Bell et al Jno. S. Hazen et al M. E. Blystone et al Chas. Stewart et al U. G. Purssell et al Dan. P. McCallum et al Geo. N. Salisbury et al Wm. E. Donaldson et al Robt. M. Hardinge et al Geo. H. Willson et al E. C. Thompson et al Ford. A. Carpenter et al Allen Buell et al L. H. Murdock et al Patk. F. Lyons et al Comparker et al Edw. A. Evans et al Jno. R. Weeks et al Chas. F. Schneider et al Edw. P. Jones et al Gew. F. Jones et al Gew. Felger et al Jno. R. Weeks et al Chas. E. Linney et al Mm. S. Currier et al G. W. Felger et al David Fisher et al B. H. Bronson et al J. W. Smith et al Geo. R. Chappel et al E. H. Bowie et al F. H. Brandenburg et al Geo. B. Wurtz et al J. Chas. J. Mitchell et al J. Warren Smith et al Geo. B. Wurtz et al J. Rada Geo. Reeder et al E. H. Bowie et al L. H. Bowie et al L. H. Bowie et al Albert Ashenberger et al Thos. J. Considine et al Alex. J. Mitchell et al Patck. Connor et al W. U. Simons et al R. Q. Grant et al Wm. T. Blythe et al Jas. J. Gray et al Jas. J. Gray et al Jas. Kenealy et al Chas. B. Hennings et al Geo. H. Willson et al L. M. Tarr et al J. W. B. J. Hyatt et al Harry B. Boyer et al Jas. Kenealy et al Chas. David et al L. M. Tarr et al J. W. Smith et al J. W. B. J. Hyatt et al Harry B. Boyer et al Geo. H. Chappel et al L. M. Tarr et al J. W. S. Belden et al J. S. Bassler et al J. S. Bassler et al J. W. S. Belden et al J. S. Bassler et al J. S. Bassler et al J. J. J. Hyatt et al J. J. J. Hyatt et al J. J. J. J. Hyatt et al J. J. J. Hyatt et al J. J. J. J. Hyatt et al J. J. J. J. J. Hyatt et al J. J. J. J. J. J. J. J.	Nature of payment.	Total
1901.		~	
Iar. 30	Frank Ridgway et al	Salaries	\$361
	O. C. Burrows et al	do	117 642 246
	Wm G Burns et al	do	946
	Marcus J. Wright et al	do	144
	Elisha C. Vose et al	do	144 273 134
	Julius G. Linsley et al	do	134
	Lucius A. Welsh et al	do	335
	Chas. M. Strong et al	do	232 583 134
	E. H. Emery et al.	do	583
	Wm. Bell et al	do	134
	Jno. S. Hazen et al	do	144 246
	Chas Stawart at al	do	184
	U.G. Purssell et al	do	134 134 201
	Dan, P. McCallum et al	do	134
	Geo. N. Salisbury et al	do	201
	Wm. E. Donaldson et al	do	134
	Robt. M. Hardinge et al	do	215
	Geo. H. Willson et al	do	604 134
	E. C. Thompson et al	do	134
	Ford. A. Carpenter et al.	do	134
	Allen Buell et al		134 137 335
	Patk F Lyons et al	do	201
	Orin Parker et al	do	301 198
	Edw. A. Evans et al	do	396
	Saml. C. Emery et al	do	332
	Jno. R. Weeks et al	do	134
	Chas. F. Schneider et al	do	134 201 215
	Edw. P. Jones et al	do	215
	Chas. E. Linney et al	do	600
	Wm. S. Currier et al	00	228 175
	David Fisher et al	do	134
	R H Bronson et al	do	246
	J W Smith et al	do	246 573
	Patrick H. Smyth et al	-do	215
	J. Warren Smith et al	do	410
	Geo. Reeder et al	do	134
	F. H. Brandenburg et al	do	215 410 134 361
	Geo. M. Chappel et al.	do	418
	E. H. Bowie et al.	do	134 134
	Albert Ashenberger et al		915
	Goo P Wuntz et al	do	215 128 447 232
	Isaac M Cline et al	do	447
	Alex J. Mitchell et al	do	232
	Patck, Connor et al.	do	246
	W. U. Simons et al.	do	142 128
	R. Q. Grant et al	do	128
	W. M. Wilson et al.	do	540 206
	Wm. M. Dudley et al.	00	206 206
	Wm T Plytho et al	do	526
	Joe I Gravat al	do	220
	Roht J Hyatt et al	do	536 229 461 255
	Harry B. Boyer et al	do	255
	Geo. H. Hagen et al.	do	134
	T. B. Jennings et al	do	170 270
	W. S. Belden et al	do	270
	Jas. Kenealy et al	do	456 452
	D. S. Bassier et al	do	452 246
	W.S. Falliner et al.	do	229
	Chas Davis et al	do	149
	L. N. Jesunofsky et al	do	154
	Jas. H. Smith et al.	do	143 154 184
	David Cuthbertson et al	do	384 215 143
	Saml. M. Blandford et al	do	215
	F. H. Clarke et al	do	143
	O. L. Fassig et al	do	425
	Jno. B. Marbury et al	00	447 129
	A F Sime et al	do	232
	A.F. Shiis et al		
	Total third quarter		97,341
pr. 4	A. V. Groce	Services	54 15

te.	Name.	Nature of payment.	Tota
)1.			
. 4	Wm. J. Olds et al Estate of J. Brown Hicklin R. A. J. Curtin Fredk. P. Holt Ella W. Daniels	Salaries	\$12
13	Estate of J. Brown Hicklin	Services	\$12 1 3 2 9 9
19	R. A. J. Curun	do	3 T
30	Ella W. Daniels	do	2
00	F. L. Johnson	do	9
	Fitzhugh Newman	do	9
	D. C. Grunow	do	8
	J. A. Barwick	do	27
	Maurice Connell	do	8
	W. D. Maxwell	do	Q
	J. P. Slaughter	do	962
	Chas. Adie	do	6
	Emma D. Sharpe	00	2
	Pot'ck McDonough	do	8
	Jos. C. Piercy	do	999
	Wm. A. Shaw	do	9
	M. E. Conway	do	6
	Hugo Liegler	do	6
	W. Grasse W Kennie	do	8
	F. E. Hartwell	do	4
	Frank L. McClintic	do	4 8 9
	Fredk P. Holt Ella W. Daniels F. L. Johnson F. L. Johnson D. C. Grunow J. A. Barwick Thos Gibson Maurice Connell W. D. Maxwell J. P. Slaughter Chas. Adie Emna D. Sharpe J. J. Kelliher Pat'ck McDonough Jos. C. Piercy Wm. A. Shaw M. E. Conway Hugo Liegler H. W. Grasse A. W. Kennie F. E. Hartwell Frank L. McClintic Geo. W. Scott Jos. J. Dosher F. Z. Gossewisch H. B. Dick Hardin	do	9
	Jos. J. Dosher	do	ā
	F. Z. Gossewisch	do	9
	Hal P Hardin	do	8
	H. B. Dick Hal P. Hardin Jno. J. McLean Chas. W. Ling Robt L. Anderson Jos. P. Bolton Aaron H. Bell Les Sande	dodo	8 8 9
	Chas. W. Ling	do	8
	Robt. L. Anderson	do	8
	Jos. P. Bolton	do	9
	Jos. Sands.	do	9
	U.G. Myers	do	ç
	Jos. Sands. U. G. Myers Julius M. Sherier Alpheus Drinkwater Jno. W. Byram Geo. L. Lovett C. P. Cronk Saml. C. Long W. L. Day Benj. M. Jacobs. W. C. McGuiness Balf. G. Johnson Albert Brand	do	9
	Alpheus Drinkwater	do	4
	Jno. W. Byram	do	10
	Geo. L. Lovett	do	10
	Saml C Long	do	4
	W. L. Day	do	g
	Benj. M. Jacobs	do	4 9 2 8
	W.C. McGuiness	do	8
	Albert Prend	do	9
	Jas F Atherton	do	8
	Geo. W. Eddev	do	8
	Julius C. Hayden	do	999
	Jno. R. Williams	do	ç
	W. C. McGuiness Balf. G. Johnson Albert Brand. Jas. F. Atherton Geo. W. Eddey Julius C. Hayden O. D. Stewart Wm. P. Stewart Wm. P. Stewart Wm. P. Stewart Vrris W. Roberts Richd. W. Gray Julius G. Linsley et al Lucius A. Welsh et al Chas. M. Strong et al Jas. J. Gray et al Eben H. Emery et al Wm. T. Blythe et al L. M. Tarr et al E. W. McGann et al Frank R. Beaham et al Henry C. Bate et al Geo. E. Grimes et al Frank P. Chaffee et al Thos. S. Outram et al Robt. G. Allen et al S. W. Glenn et al S. W. Glenn et al S. M. Glenn et al Saml. L. Dosher et al E. R. Demain et al Fredk, W. Conrad et al	do	9
	O D Stewart	do	9
	Wm. P. Stewart	do	4
	Orris W. Roberts	do	4 9
	Richd. W. Gray	do	4
	Julius G. Linsley et al	Salaries	12
	Ches M Strong et al	do	32 22
	Jac J Grav at al	do	21
	Eben H. Emery et al	, do	55
	Wm. T. Blythe et al	do	51
	L. M. Tarr et al	do	21 55 51 19
	E. W. McGann et al.	do	
	Honry C. Rote et al	do	15 42 11
	Geo. E. Grimes et al	do	11
	Frank P. Chaffee et al	do	32
	Thos. S. Outram et al.	do	32 44 26
	Robt. G. Allen et al	do	26
	C.F. K. Wappenhaus et al.	do	43
	Roht B Harkness et al	do	19
	Saml. L. Dosher et al	do	23 12 13
	E. R. Demain et al. Fredk. W. Conrad et al. W. H. Fallon et al.	do	13
	Fredly W Conred at al	do	12

ite.	Name.	Nature of payment.	Tota
01.			
. 30	L. M. Cline et al L. G. Schultz et al T. S. Collins et al Geo. B. Wurtz et al Thos. J. Considine et al Albert Ashenberger et al Danl. C. Murphy et al Herbert W. Richardson et al Edwd. H. Bowie et al Geo. W. Felger et al W. M. Wilson et al Lee A. Denson et al Saml. C. Emery et al Jno. R. Weeks et al Geo. N. Wilson et al H. B. Hersey et al Geo. Franklin et al E. B. Richards et al Geo. Franklin et al E. B. Richards et al Robt. G. Grant et al Robt. H. Dean et al Weston M. Fulton et al W. U. Simons et al N. B. Conger et al Saml. C. Emery et al Chas. E. Linney et al T. B. Jennings et al N. B. Conger et al Geo. A. Chappel et al F. H. Brandenburg et al Geo. Reeder et al Jacob W. Bauer et al Arthur E. Hackett et al Jas. Kenealy et al S. S. Bassler et al Chas. F. Schneider et al Walter S. Palmer et al Lewis M. Pindell et al L. N. Jesunofsky et al Jas. H. B. Smith et al David Cuthbertson et al L. N. Jesunofsky et al Jas. H. Smith et al Saml. M. Blandford et al Byron H. Bronson et al Ch. Fassig et al David Fisher et al David Fisher et al David Fisher et al David Fisher et al L. M. Dey et al C. C. Burrows et al H. M. G. Wirght, jr., et al L. M. Dey et al C. J. Campbell A. B. Wallaber et al Chas. F. Von Herrmann et al Edw. A. Evans et al Chas. F. Von Herrmann et al Edw. A. Evans et al Chas. Stewart et al Chas. Ste	Salaries	\$420 120 120
	L. G. Schultz et al	do	12
	T. S. Collins et al	do	123
	E. H. Nimmo et al	do	123
	Geo. B. Wurtz et al	do	12 20
	Thos. J. Considine et al	do	20
	Albert Ashenberger et al	do	12
	Danl. C. Murphy et al	do	12
	Herbert W. Richardson et al	do	20 12 12 24 13 16 51' 12
	Edwd. H. Bowie et al	do	13
	Geo. W. Felger et al	do	16
	W. M. Wilson et al.	do	51
	Lee A. Denson et al	do	123
	Sami. C. Emery et al	do	318
	Jno. R. Weeks et al.	do	128
	H. D. Hawar et al	00	138
	H. B. Hersey et al	00	430 23
	E D Dichards of al	a-	40
	Cos A Foreland et al	do	94
	Robt O Grant at al	do	34 123 124 149
	Roht H Dean et al	do	196
	Weston M Fulton et al	10	149
	W II Simons et al	do	196
	Patck Connor et al	do	533
	Chas, E. Linney et al	do	136 238 729 168 580
	T. B. Jennings et al.	do	163
	N. B. Conger et al.	do	580
	Geo. M. Chappel et al.	do	410
	F. H. Brandenburg et al	do	428
	Geo. Reeder et al.	do	120 420 120 360 156 242 436
	J. W. Smith et al	do	369
	Jacob W. Bauer et al.	do	158
	Arthur E. Hackett et al.	do	242
	Jas. Kenealy et al	do	436
	S. S. Bassler et al	do	43 192 23
	Chas. F. Schneider et al	do	192
	Walter S. Palmer et al	do	235
	Lewis M. Pindell et al	do	197
	L. N. Jesunofsky et al	do	197 158
	Jas. H. Smith et al	do	176 206
	Patck. H. Smyth et al	do	206
	David Cuthbertson et al	do	367
	J. W. Smith et al	do	948
	Saml. M. Blandford et al	do	250
	Byron H. Bronson et al	do	700
1	wm. E. Donaldson et al	do	147
1	O. L. Fassig et al.	00	190
1	David Fisher et al	00	190
	Forton H Duff of ol	00	196
	Alfred F Sims et al	do	990
	Elicha C Voca et al	do	269
	M I Wright in at al	do	128
	I. M Dev et al	do	614
	O C Rurrows et al	do	366 548 233 233 147 417 418 438 438 262 262 138 614 122 346 128 200
	Frank Ridoway et al	do	346
	W. J. Olds et al	do	128
	Edw P Jones et al	do	206
	C. I. Camphell	Services	27
	A. B. Wallaber et al	Salaries	370
	W. G. Burns et al	do	235
	Chas. F. Von Herrmann et al	do	374
	Edw. A. Evans et al	do	379
	Orin Parker et al	do	189
	Robt. J. Hvatt et al	do	441
	Patk. F. Lyons et al	do	206 27 370 235 374 379 189 441 288 321
	L. H. Murdock et al	do	321
	Allen Buell et al	do	128
	Ford A. Carpenter et al	do	128
	Geo. H. Willson et al	do	578
	R. M. Hardinge et al.	do	128 128 578 206
	Alex. G. Burns et al	do	136
	H. B. Boyer et al.	do	246
	Geo. N. Salisbury et al	do	291
	D. P. McCallum et al	do	246 291 128 136 176 235 138
	U. G. Purssell et al	do	136
	Chas. Stewart et al	do	176
	3.5 T3 T31 ()	3	925

ate.	Name.	Nature of payment.	T
01.			
. 30	E. C. Hobbs et al Geo. H. Hager et al W. S. Currier et al W. S. Beldon et al Henry R. Patrick et al E. J. Chass et al E. C. Thompson et al F. H. Clarke et al Chas. V. Richie C. S. Leach Jno. C. Foster Jas. R. Haynes	Salaries	5
	Geo. H. Hager et al	do	
	W.S. Currier et al	do	
	W.S. Beldon et al	do	
	E. J. Glass et al	do	
	E. C. Thompson et al	do	
	F. H. Clarke et al	do	
	Chas. V. Richie	Services	
	U.S. Leach	do	
	Jas B. Haynes	do	
	Jas. R. Haynes Eliz. I. Renoe W. T. Blythe Alex. J. Mitchell et al Wm. Dudley Hermann E. Hobbs Fred. J. Rothert Addison H. Snyder	do	
7 3	W.T. Blythe	do	
	Alex. J. Mitchell et al	Salaries	
	Wm. Dudley	Services	
9	Fred J Rothert	do	
	Addison H. Snyder	do	
10	Geo. B. Graves	do	
21	J. P. Williams, jr	do	
	J. P. Fallinee	do	
31	Addison H. Snyder Geo. B. Graves J. P. Williams, jr J. P. Fallihee Jno. R. Morton F. J. Walz et al David Fisher et al Edw. B. Richards et al	Salaries	
91	David Fisher et al.	do	
	Edw. B. Richards et al	do	
	Wm. G. Burns et al	do	
	Jno. R. Weeks et al	do	
	T. M. Torre et al	do	
	Jas. J. Grav et al	do	
	T.B Jennings et al	do	
	E. C. Thompson et al	do	
	Alfred F. Simms et al	do	
	Ino B Marbury et al	do	
	O. L. Fassig et al	do	
	W. E. Donaldson et al	do	
	Byron H. Bronson et al	do	
	Saml. M. Blandford et al	do	
	J. W. Smith et al	do	
	P H Smyth et al	do	
	Jas. A. Smith et al	do	
	L. N. Jesunofsky et al	do	
	Lewis M. Lindell et al	do	
	Walter S. Palmer et al	do	
	Jas Kenealy et al	do	
	Arthur E. Hackett et al	do	
	Jacob W. Bauer et al	do	
	J. W. Smith et al	do	
	Geo. Reeder et al	do	
	Geo. M. Chappel et al	do	
	N. B. Conger et al	do	
	F. J. Walz et al David Fisher et al. Edw. B. Richards et al Wm. G. Burns et al Jno. R. Weeks et al L. M. Tarr et al Jas. J. Gray et al T. B. Jennings et al E. C. Thompson et al Alfred F. Simms et al Fenton H. Duff et al Jno. B. Marbury et al O. L. Fassig et al. W. E. Donaldson et al Byron H. Bronson et al Saml. M. Blandford et al Jawid Cuthbertson et al David Cuthbertson et al P. H. Smyth et al Jas. A. Smith et al L. N. Jesunofsky et al Lewis M. Lindell et al Walter S. Palmer et al Jas. Kenealy et al Jas. Kenealy et al Jacob W. Bauer et al	do	
	H. W. Richardson et al.	do	
	Dani. C. Murphy et al	do	
	E A Evans et al	do	
	Thos. J. Considine et al	do	
	Geo. B. Wurtz et al	do	
	E. H. Nimmo et al	do	
	T. S. Collins et al	do	
	L.G. Schultz et al.	do	
	W H Fallon et al	do	
	F. W. Conrad et al. E. R. Demain et al. Saml. L. Dosher et al. Elvin J. Glass et al. Robt. B. Harkness et al. S. W. Glenn et al. C. F. R. Wappenhaus et al. Alex. J. Mitchell et al. Patrick Connor et al. W. U. Simons et al. W. U. Simons et al. Weston M. Fulton et al.	do	
	Saml. L. Dosher et al.	do	
	Elvin J. Glass et al	do	
	Kopt. B. Harkness et al	do	
	C. F. R. Wannenhaus et al	do	-
	Robt, G. Allen et al.	do	
	Alex. J. Mitchell et al.	do	
	Patrick Connor et al	do	
	1 11 Cinn 1	do	

ate.	Robt. H. Dean et al Robt. Q. Grant et al Geo. A. Loveland et al Geo. E. Franklin et al Henry B. Hersey et al Geo. N. Wilson et al Henry R. Patrick et al Saml C. Emery et al Lee A. Densen et al W. M. Wilson et al W. M. Wilson et al Thos. S. Outram et al W. M. Dudley et al Frank P. Chaffee et al Geo. E. Grimes at al Henry C. Bate et al Frank R. Beahan et al E. W. McGann et al Wm. T. Blythe et al E. W. McGann et al Eben H. Emery et al L. A. Welsh et al Chas. M. Strong et al Julius G. Linsley et al Elisha C. Vose et al M. J. Wright, jr., et al Luther M. Dey et al O. C. Burrows et al Frank Ridgway et al Wm. J. Olds et al Edw. P. Jones et al C. F. Von Herrmann et al Orin Parker et al C. F. Von Herrmann et al Orin Parker et al Robt. J. Hyatt et al P. F. Lyons et al Allen Buell et al Fred A. Carpenter et al Geo. H. Willson et al Robt. M. Hardinge et al Alex. G. Burns et al Geo. H. Willson et al Geo. H. Wellum et al N. G. Purssell et al M. E. Blystone et al Geo. N. Salisbury et al Danl. P. McCallum et al N. G. Purssell et al M. E. Blystone et al Geo. H. Agen et al Geo. H. Hagen et al M. S. Blystone et al Geo. H. Hagen et al C. H. Agen et al Geo. H. Grunow J. J. Kelliher D. J. Kelliher D. L. Crosby M. E. Corway Richd. W. Gray Joseph Sands N. D. Lane Eliz. L. Renoe Saml. C. Long J. Jos. F. Atherton Balfe D. Johnson Albert Brand W. C. McGrüness Benj. M. Jacobs Weldey Jas. F. Atherton Balfe D. Johnson Albert Brand W. C. McGrüness Benj. M. Jacobs Weldey Jas. F. Atherton Balfe D. Johnson Albert Brand W. C. McGrüness Benj. M. Jacobs Weldey Jas. F. Atherton	Nature of payment.	Tota
901.			
y 31	Robt. H. Dean et al	Salaries	\$133 12 36
	Robt. Q. Grant et al	do	12
	Geo. A. Loveland et al.	do	36
	Geo. E. Franklin et al	do	24
	Henry B. Hersey et al	do	45
	Geo. N. Wilson et al	do	45 14 13
	Henry R. Patrick et al.	do	133
	Loo A Dongen et al	0D	32
	W M Wilson et al	do	13: 53:
	Thos S Outram et al	do	45
	W. M. Dudley et. al	do	17
	Frank P. Chaffee et al	do	17 33 11
	Geo. E. Grimes at al	do	11
	Henry C. Bate et al	do	44
	Frank R. Beahan et al	do	16
	E. W. McGann et al	do	44 16 15
	Wm. T. Blythe et al.	do	53
	Epen H. Emery et al	do	57 33
	L. A. Welsh et al	do	33
	Unas. M. Strong et al	00	23
	Flighe C Voca at al	do	13
	M J Wright in et al	do	13 27 14
	Luther M. Dev et al	do	63
	O. C. Burrows et al.	do	12
	Frank Ridgway et al.	do	12 35
	Wm. J. Olds et al	do	13
	Edw. P. Jones et al	do	24
	A. B. Wallaber et al	do	24 38 38
	C. F. Von Herrmann et al	do	38
	Orin Parker et al.	do	19
	Root. J. Hyatt et al.	do	45 29 33 13
	Locton H. Mundoch et al	do	29
	Allon Buell of al	do	99 12
	Fred A Carpenter et al	do	13
	Geo. H. Willson et al	do	59
	Robt. M. Hardinge et al	do	21
	Alex, G. Burns et al.	do	14
	Harry B. Boyer et al	do	14 25
	F. H. Clarke et al	do	18
	Geo. N. Salisbury et al	do	30 13
	Danl. P. McCallum et al	do	13
	M. F. Physters et al		14
	Ino S Hogon of al	00	24 14 18
	Chas Stewart et al	do	18
	Everett C Hobbs et al	do	13 13 24
	Geo. H. Hagen et al	do	13
	Wm: S. Currier et al	do	24
	Wm. S. Beldin et al	do	26
	G. W. Felger	Services	17
	Chas. J. Thornton	do	1
	Sumnon Hoglyott	00	2
	I C Hardan	do	3 8
	Ella W Daniela	do	2
	Dexter C Grunow	do	8
	Jno. W. Crow	do	6
	J. J. Kelliher	do	6 8
	D. L. Crosby	do	2
	M. E. Conway	do	7
	Richd. W. Gray	do	4
	Joseph Sands	do	6
	N. D. Lane	0D	10
	Seml C Long	do	10 2 10
	Jno C Welsh	do	3
	Geo. W. Eddey	do	10:
	Jas. F. Atherton	do	8
	Balfe D. Johnson	do	2
	Albert Brand	do	10 10 8 2 10 8
	W. C. McGuiness	do	8
	Benj. M. Jacobs	do	2
	Walcott L. Day	do	10: 11:
	Corydon P. Cronk	do	110
	Geo. L. Lovett	do	10
	ULD W. DVISH	u0	42

Date.	Name.	Nature of payment.	Total
1901.	Julius M. Sherier Bemer S. Pague Geo. T. Todd U. G. Myers Aaron H. Bell Jos. P. Bolton Oscar D. Stewart Robt L. Anderson Chas. W. Ling Jno. J. McLean Hal. P. Hardin Harvey B. Dick F. Z. Gosewisch Jos. J. Dosher Geo. W. Scott Frank L. McClintic Chas. V. Richey Albert W. Kennie Wm. P. Stewart Jno. R. Morton H. W. Grasse Hugo Legler Wm. A. Shaw Jos. C. Piercy Patrick McDonough Emma D. Sharpe Chas. Adie J. P. Slaughter W. D. Maxwell Thos. Gibson Jas. A. Barwick Jno. R. Williams Fitzhugh Newman F. L. Johnson Orris W. Roberts Summer Hackett		
ay 31	Julius M. Sherier	Services	\$110
	Bemer S. Pague	do	153
	II G Myore	do	153 102 102 102
	Aaron H. Bell	do	102
	Jos. P. Bolton	do	102 102
	Oscar D. Stewart	do	102 85
	Chas. W. Ling	do	85
	Jno. J. McLean	do	102 85
	Hal. P. Hardin	do	85
	F Z Gosewisch	do	85 102 61 103
	Jos. J. Dosher	do	61
	Geo. W. Scott	do	103
	Chag V Pichov	do	8a 40
	Albert W. Kennie	do	25
	Wm. P. Stewart	do	71
	Jno. R. Morton	do	25
	Hugo Legler	do	85 71
	Wm. A. Shaw	do	102
	Jos. C. Piercy	do	102 102 102 203
	Patrick McDonough	do	102
	Chas Adie	do	71
	J. P. Slaughter	do	71 103 103
	W. D. Maxwell	do	105
	Inos. Gibson	do	10: 10: 10:
	Jno. R. Williams	do	102
	Fitzhugh Newman	do	102
	F. L. Johnson Orris W. Roberts Sumner Hackett	do	102
	Sumner Hackett	do	40
ne 4	M. Kean Mamtt	do	93
12	A. E. Brown Chas. Davis David Cuthbertson Jno. T. Neary Carlton Jones C. S. Leach Lucy N. Sands Maurice Connell Herrmann E. Hobbs J. P. Williams, jr Donald McLean Norman M. Leonard G. W. McDowall	do	26 85 10
12	David Cuthbertson	Office expenses	88
	Jno. T. Neary	Services	10
	Carlton Jones	do	6
15	U. S. Leach	do	110
19	Maurice Connell	do	118 10:
19	Herrmann E. Hobbs	do	60
90	J. P. Williams, jr	do	
20 29	Norman M Leonard	do	20
20	G. W. McDowall	do	2
	Henry Jacke	do	28
	Henry A. Klaiber	do	20
	Solomon Hyman	do	27 29
	R. M. Geddings	do	98
	Sumner Hackett	do	39
	Julius C. Hayden	do	98
	Ella W. Daniels	do	85
	F. L. Johnson	do	98
	Devter C Grunow	do	98
	Jno. W. Crow	do	82 59
	Leon J. Guthrie	do	38
	Jno. R. Williams	do	98
	J A Barwick	do	98
	Thos. Gibson	do	98 82
	Maurice Connell	do	98
	Wm. D. Maxwell	do	98
	Chas. Adie	ob	98
	Grace H. Brown	do	69
		do	82
	J.J. Kelliher		
	J. J. Kelliher Patrick McDonough	do	98
	J.J. Kelliher Patrick McDonough Albert Brand	do do	98
	Donald McLean Norman M. Leonard G. W. McDowall Henry Jacke Henry A. Klaiber A. E. Brown Solomon Hyman R. M. Geddings Summer Hackett Orris W. Roberts Julius C. Hayden Ella W. Daniels F. L. Johnson Fitzhugh Newman Dexter C. Grunow Jno. W. Crow Leon J. Guthrie Jno. R. Williams Edwin C. Thompson J. A. Barwick Thos Gibson Maurice Connell Wm. D. Maxwell I. P. Slaughter Chas Adie Grace H. Brown J. J. Kelliher Patrick McDonough Albert Brand Geo. T. Todd N. D. Lane Eliz L. Renoe Geo. W. Eddey		98 98 98

	Name.	Nature of payment.	Total
901.			
1e 29	Jas. F. Atherton Balfe D. Johnson	Services	\$82 25
	Balfe D. Johnson	do	25
	Poni M Joseph	00	82 24 98
	W. C. McGuiness Benj. M. Jacob Walcott L. Day	do	24
	G Allen	do	107 25 98
	G. Allen C. P. Cronk	do	107
	Geo. L. Lovett Jno. W. Byram Alpheus Drinkwater	do	25
	Jno. W. Byram	do	98
	Alpheus Drinkwater	do	41 107 98
	J. M. Sherier U. G. Myers	do	107
	U. G. Myers	00	98
	Jas. Sands Aaron H. Bell	do	59 98
	Jos. P. Bolton	do	98
	Oscar D. Stewart	do	98
	Robt. L. Anderson	do	82
	Chas. W. Ling	do	82
	Jno. J. McLean	do	98 98 88 88 98
	Hal P. Hardin	do	82 82 98 59
	Harvey B. Dick	00	82
	Jac J Dochar	do	98
	Jos. P. Bolton Oscar D. Stewart Robt. L. Anderson Chas. W. Ling Jno. J. McLean Hal P. Hardin Harvey B. Dick F. Z. Gosewisch Jas. J. Dosher Frank L. McClintic Chas. W. Richey A. W. Kennie Jno. R. Morton	do	89
	Chas. W. Richey	do	82 39
	A. W. Kennie	do	95
- 0	Jno. R. Morton H. W. Grasse	do	24 82 69
1			82
	Hugo Legler	do	69
	H. W. Grasse Hugo Legler M. E. Conway. Saml L. Mosby Wm. A. Shaw Jos. C. Piercy F. W. Brist et al. Ford. A. Carpenter et al. Allen Buellet al.	do	69
	Wro A Chart	00	82 98
1	Joe C Pioner	do	98
	F. W Brist et al	Salaries	98
	Ford, A. Carpenter et al	do	128
	Allen Buellet al	do	128
	Lester H. Murdock et al	do	334
	Patrick F. Lyons et al	do	288
	Orin Parker et al.	do	214 275
	Chas. F. von Herrmann et al	do	370
	Wm I Olds et al	do	128
	Frank Ridoway et al	do	346
	O. C. Burrows et al	do	122
- 1	Geo. N. Wilson et al	do	138
	Henry B. Hersey et al	do	438
	Geo. E. Franklin et al	do	252
	E. B. Richards et al.	do	334
	Robt O Creat at al	00	354 128
	Chas F Spyder of al	do	192
	Robt. H. Dean et al	do	128
	Ford. A. Carpenter et al. Allen Buellet al. Lester H. Murdock et al. Patrick F. Lyons et al. Orin Parker et al. Chas. F. von Herrmann et al. Arthur B. Wallaber et al. Wm. J. Olds et al. Frank Ridgway et al. O.C. Burrows et al. Geo. N. Wilson et al. Henry B. Hersey et al. Geo. E. Franklin et al. E. B. Richards et al. Geo. A. Loveland et al. Chas. F. Snyder et al. Chas. F. Snyder et al. Weston M. Fulton et al. W. U. Simons et al. T. F. Townsend et al. T. F. Townsend et al. T. F. Townsend et al.	do	148
	W. U. Simons et al	do	13€
	Patrick Connor et al	do	235
	T. F. Townsend et al Marcus J. Wright, jr., et al Elisha C. V ose et al Julius G. Linsley et al	do	668
	Marcus J. Wright, jr., et al	do	138
	Ensua C. Vose et al.	do	222 128
			321
	Chas, M. Strong et al	do	222
	Jas. J. Grav et al	do	219
- 3	Chas. M. Strong et al. Jas. J. Gray et al. Eben H. Emery et al. W. T. Blythe et al. L. M. Tarr et al.	do	476
	W. T. Blythe et al	do	558
	L. M. Tarr et al	do	197
	Edw. W. McGann et al Frank R. Beahan et al	do	153
	Goo F Crimes et al.	do	158 112
	Geo. E. Grimes et al.	do	321
	Frank P. Chaffee et al	do	197
	W. M. Dudley et al T. S. Outram et al W. M. Wilson et al	do	441
	W. M. Wilson et al	do	517
	Lee A. Denson et al	do	128
	Saml. C. Emery et al	do	318
	W. M. Wilson et al Lee A. Denson et al Saml. C. Emery et al Henry R. Patrick et al G. W. Felger et al W. S. Beldin et al W. S. Currier et al Geo. H. Hagen et al E. C. Hobbs et al	do	128
	G. W. Felger et al	do	168
		do	728
	W. S. Beldin et al	a	258 235

Date.	M. E. Blystone et al Jno. S. Hazen et al Jno. S. Hazen et al U. G. Purssell et al David P. McCallum et al Geo. N. Salisbury et al Fred A. Clarke et al Alex. G. Burns et al Robt. M. Harding et al Geo. H. Willson et al Edwd. A. Evans et al Geo. Reeder et al F. H. Brandenberg et al Geo. M. Chappell et al N. B. Conger et al E. H. Bowie et al E. H. Bowie et al E. H. Bowie et al Jas. S. Bassler et al Jas. Keneally et al Jas. Keneally et al Jas. H. Smith et al J. W. Smith et al Jon. R. Mersen et al Fenton H. Duff et al Jno. R. Marbury et al Saml. H. Blandford et al J. W. E. Donaldson et al Byron H. Bronson et al David Cuthbertson et al David Cuthbertson et al Saml. L. Dosher et al Noher. H. Smyth et al David Cuthbertson et al Saml. L. Dosher et al Saml. L. Dosher et al Levis K. Smyth et al David Cuthbertson et al Patrick H. Smyth et al David Cuthbertson et al Patrick H. Smyth et al David Cuthbertson et al Patrick H. Smyth et al David Cuthbertson et al Fenton E. Burns et al Robert J. Hyatt et al Saml. L. Dosher et al Loshen et al Robert J. Hyatt et al Saml. L. Dosher et al Loshen et al E. J. Glass et al E. H. Nimmo et al E. H. Nimmo et al Geo. B. Wurtz et al T. S. Collins et al E. H. Nimmo et al Harry B. Boyer et al Edw. P. Jones et al Henry C. Bate et al Alex J. Mitchell et al. Total fourth quarter	Nature of payment.	Total.
1901.			
June 29	M. E. Blystone et al	Salaries	\$235. 138.
	Jno. S. Hazen et al.	do	138. 176.
	II G Purssell et al	do	136.
	David P. McCallum et al	do	136. 128. 291.
	Geo. N. Salisbury et al	do	291.
	Fred A. Clarke et al	do	163.
	Alex. G. Burns et al	do	136. 206.
	Geo H Willson et al	do	578.
	Edwd. A. Evans et al	do	379. 128. 401.
	Geo. Reeder et al	do	128.
	F. H. Brandenberg et al	do	401.
	Geo. M. Chappell et al.	00	410.
	E H Bowie et al	do	362. 138.
	H. W. Richardson et al	do	245.
	Daniel C. Murphy et al	do	128. 433. 510.
	S. S. Bassler et al	do	433.
	Jas. Keneally et al.	do	510.
	A E. Hackett et al	do	153. 242.
	J. W. Smith et al	do	449.
	Jas. H. Smith et al	do	176.
	L. N. Jesunofsky et al.	do	208. 138. 219. 235. 232.
	Geo. R. Oberholzer et al.	do	138.
	Welton S. Pelmon et al	do	219.
	Alfred F Sims et al	do	232
	Fenton H. Duff et al	do	128. 339.
	Jno. R. Marbury et al	do	339.
	O. L. Fassig et al	do	392.
	W.E. Donaldson et al	do	147. 235. 235.
	Saml H Blandford et al	do	235
	J. W. Smith et al	do	548.
	David Cuthbertson et al	do	558.
	Patrick H. Smyth et al	do	206. 220.
	Wm. G. Burns et al	do	220.
	Saml I. Docher et al	do	441. 131.
	Jno. R. Weeks et al	do	128.
	Robt. G. Allen et al	do	225.
	C. F. R. Wappenhaus et al	do	436.
	S. W. Glenn et al.	do	436. 235. 128.
	E. I. Glace at al	do	206.
	E. R. Demain et al	do	136.
	Fredk. W. Conrad et al	do	128.
	W. H. Fallon et al	do	128. 128.
	Isaac M. Cline et al	do	497.
	T 5 Collins et al	do	497. 128. 128.
	E. H. Nimmo et al	do	128. 128.
	Geo. B. Wurtz et al	do	128.
	Thos. J. Considine et al	do	128. 206. 128.
	Albert Ashenberger et al.	do	128.
	David Fisher et al	do	725. 138.
	T. B. Jennings et al	do	163
	Harry B. Boyer et al	do	163. 246.
	Edw. P. Jones et al	do	220.
	Henry C. Bate et al	do	420. 197.
	Alex J. Mitchell et al-	do	197.
	Total fourth quarter		98, 381.
	Supplemental.		
ly 3	Supplemental. Jas. L. Cline A. E. Brown F. M. Nevins H. P. Brandenburg Jno. C. Foster Jos. R. Porter C. G. Bigham G. J. P. Barger Chas. H. Bridges David Cuthbertson Earl L. Ovington	Services	17. 8 13. 6 6. 6
11	A. E. Brown	do	13.0
18	H. P. Brandenburg	do	6.0
	Jno. C. Foster	do	15. 0 12. 0 6. 0
	Jos. R. Porter	do	6.0
	C. G. Bigham	do	9.3
	G. J. P. Barger	do	3.9
23	Unas. H. Bridges	do	27.6
	David Chenneltson	ao	25.0

WEATHER BUREAU-GENERAL EXPENSES-SALARIES-Continued.

Date.	Name.	Nature of payment.	Total.
1901. July 31 Aug. 6	Supplemental—Continued. Harry C. Gropp Chas. L. Mooney Albert B. Pittman Geo. W. Scott Total	do	\$14.00 10.00 8.00 98.90

RECAPITULATION.

First quarter	\$96, 299, 78
Second quarter	95, 958, 82
Third quarter	97, 341.83
Fourth quarter	98, 381.16
Supplemental	278.15

METEOROLOGICAL OBSERVATION STATIONS.

Date.	Name.	Nature of payment.	Total
1900.			
July 20	H. C. Frankenfield	Traveling expenses	\$78
31	I W Toward	Sarving expenses	70
91	J. W. Towers L. J. Guthrie	do	101
	Calvin A. Mueller	do	70
			25
	O. C. Read		
	Louis Dorman		101
	A. V. Randall		101
	Jos. Lopez		40
	G. Harold Noyes		101
	Richd, M. Geddings		126
	Chas. E. Ashcraft, jr		84
	Ernst T. Giers	do	101
	Jno. N. Ryker		3
	Paul De Graw	do	101
	Chas. H. Richardson		101
	F. G. Tingley	do	84
	Carmelo Sevilla	do	25
	H. G. McDonald	dodo	84
	Luis Ga y Carbonell	do	101
	M. W. Haves	do	126
	Wm. B. Stockman	do	168
	H. McP. Baldwin	do	2
	Wm. T. Lathrope		70
	Frank Montgomery	do	70
	Harry O. Geren	do	70
	Frank W. Very	do	101
	R. A. Fesenden	do	252
	Jas. L. Bartlett	do	101
	Jas. H. Kimball		70
	Wm. J. A. Schoppe	3-	70
	Patek. McDonough		109
	Patek, McDonough	(10	101
	Wm. H. Alexander	ao	
	Wm. C. Devereaux		$\frac{70}{252}$
01	Chas. F. Marvin		
.ug. 31	do	. do	252
	Jno. W. Towers		70
	Wm. C. Devereaux		70
	W. H. Alexander	do	101
	Patck. McDonough	. do	109
	W. J. A. Schoppe	. do	70
	Jas. H. Kimball	. do	70
	J. L. Bartlett	do	101
	R. A. Fessenden	do	252
	Frank W. Very	do	101
	Harry O. Geren	do	70
	Frank Montgomery	do	70
	C. A. Mueller	do	70
	Wm. B. Stockman	do	168
	M. W. Hayes	do	126
	Luis Ga y Carbonell	do	101
	H. G. McDonald	do	84
	Fredk P Latimer	do	70
	Carmalo Savilla	do	25
	Fredk. P. Latimer Carmelo Sevilla	dodo	

Date.	Name.	Nature of payment.	Total.
1900.	Frank G. Tingley Chas. H. Richardson W. T. Lathrop Paul De Graw Chas. E. Asheraft, jr R. M. Geddings G. Harrold Noyes Jas. Lopez A. E. Randall Louis Dorman O. C. Read Leon J. Guthrie		
Aug 31	Frank G. Tingley	Services	\$84.20
	Chas. H. Richardson	do	101.10
	W. T. Lathrop	do	84. 20 101. 10
	Chas E Asheraft ir	do	84 9
	R. M. Geddings	do	84. 20 126. 40 101. 10
	G. Harrold Noyes	do	101.10
	Jas. Lopez	do	4(), ()
	A. E. Randall	do	101.10 101.10
	Louis Dorman	do	101.10
	U. U. Kead	do	25.0
ept. 15	Leon J. Guthrie	do Letter presses, etc Traveling expenses	101. 1 187. 3 14. 6
ерь. 10	Jno. C. Parker Fredk. P. Latimer	Traveling expenses	14 6
	C. H. Richardson	Office expenses	12.6
	The state of the s	do	3.0
	Paul De Graw	Office expenses do do Passenger transportation	10.5
	Trinidad Shipping and Trading Co., Ltd	Passenger transportation	55.0
	Pennsylvania R. R. Co	do	6.5
	Serain Cruz	Painting bucket.	2.0 91.0
17	Ernst T. Giers Paul De Graw Trinidad Shipping and Trading Co., Ltd Pennsylvania R. R. Co Serafin Cruz P. Fernandez y Ca. Ernst Giers	do Painting bucket. Printing rop bulletin Services Blotting paper	101.1
18	Austin Smith		184.0
10	Jno. Underwood & Co	Ink	19.0
	Jno. Underwood & Co The News Publishing Co Sociedad Anomina Luz Electrica	Blotting paper Ink Printing crop bulletin Electric lights Office rent. August do Office rent. July Office rent. Office expenses	21.2 6.0
	Sociedad Anomina Luz Electrica	Electric lights	6.0
	Manuel G. Roves	Office rent. August	40.0
	Laureno Fuentez Manuel G. Roves Teresa Joerg y Belot do Jose Nuza do Clyde Lemon Wm. B. Stockman Wm. H. Alexander Wm. T. Lathrop Standard Oil Co Paul De Graw Wm. B. Stockman Chas. H. Richardson	do	30.0
	Manuel G. Roves	Office rent, July	40.0
	do derg y belot	Office rent, August	100.0 100.0
	Jose Nuza	Office rent August	20.0
	dodo	Office rent, July	20.0
	Clyde Lemon.	Services	2.7
	Wm. B. Stockman	Office expenses	13.8
	Wm. H. Alexander	do	11.3
0.0	Wm. T. Lathrop	Traveling expenses	43.2
20	Standard Oil Co	Oil	5.9
	Wm P Stockman	Omce expenses	10.5
	Chas H Richardson	do	10.1
	J. H. Bunnell & Co	Relays syringes etc	12. 2 95. 0
	Cuban Submarine Telegraph Co	Telegraph services	9.6
30	Leon J. Guthrie	Services	97.8
	O. C. Read	do	25.0
	Louis Dorman	do	97.8
	Albert V. Randall	do	97.8
	Joseph Lopez	do	40.0
	Right M Goddings	do	97.8 122.2
	Chas, E. Ashcraft, ir	do	81.6
	Paul De Graw	do	97.8
	Wm. T. Lathrop	do	74.6
	Chas. H. Richardson	do	97.8
	Franklin G. Tingley	do	81.6
	Cameio Sevilla	do	25.0
	I rie Gay Carbonell	do	68.4
	M W Haves	do	97. 8 122. 2 163. 0
	Wm B Stockman	do	162 0
	Ernst, T. Giers	l do	83.1
	Calvin A. Mueller	do	68.4
	Frank Montgomery	do	68.4
	Harry O. Geren	do	68.4
	Frank W. Very	do	97.8
	K. A. Fessenden	do	244. 6
	Jas H Kimball	do	97.8 68.4
	Wm J A Schonne	do	68 4
	Patck, McDonough	do	68.4 106.0 97.8
	Wm. H. Alexander	dodo	97 8
	W. C. Devereaux	do	68.4
	Jno. W. Towers	do	68.4
	Chas. F. Marvin	do	244.6
	Howard G. McDonald	do	86.4
	Standard off Co Paul De Graw Wm. B. Stockman Chas. H. Richardson J. H. Bunnell & Co Cuban Submarine Telegraph Co Leon J. Guthrie O. C. Read Louis Dorman Albert V. Randall Joseph Lopez G. H. Noyes. Richd. M. Geddings Chas. E. Ashcraft. jr Paul De Graw Wm. T. Lathrop Chas. H. Richardson Franklin G. Tingley Camelo Sevilla Fredc. P. Lattimer Luis Gay Carbonell M. W. Hayes Wm. B. Stockman Ernst. T. Giers Calvin A. Mueller Frank Montgomery Harry O. Geren Frank W. Very R. A. Fessenden Jas. H. Sartlett Jas. H. Kimball Wm. J. A. Schoppe Patck. McDonough Wm. H. Alexander W. C. Devereaux Jno. W. Towers Chas F. Marvin Howard G. McDonald Total first quarter		10, 485. 9
ot 1	The News Publishing Co P. Fernandez y Cå		
ct. 1	THE NEWS FUDUSHING CO	rinting reports	18.8

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. METEOROLOGICAL OBSERVATION STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1900.			
ct. 1	Sociedad Anomina Luz Electrica	Electric lights	\$6. 136.
4	Jno. C. Parker	Letter presses	136.
4	Jno. C. Parker Jno. H. Bunnell & Co Gulf, Colorado and Santa Fe Rwy. Co Wm. H. Alexander The Trinidad Shipping and Trading Co M. Du Perow	Letter presses. Relays, etc Passenger transportation Oil, etc	14.
	Wm. H. Alexander	Oil etc	19 11.
	The Trinidad Shipping and Trading Co	Oil, etc. Passenger transportation Bolts, etc. Rent do Telegraph service. do do Office rent	50.
6	M. Du Perow	Bolts.etc	50. 30.
12	Jose Nuza Teresa Joerg y Belot International Ocean Telegraph Co The Cuba Submarine Telegraph Co Western Union Telegraph Co	Rent	20
	Teresa Joerg y Belot	do	100. 2. 285.
12	International Ocean Telegraph Co	Telegraph service	2.
	The Cuba Submarine Telegraph Co	do	285.
7.0	Laureano Fuentes	000000000000000000000000000000000000000	39. 30. 60.
16		dodo	60. 60
	D. O. Riviere Manuel G. Roves	do	40.
	Jose Valenti	do	75
	Jose Valenti D. Hoke Ross	do	75. 72.
18	E. Nuttall	do	109.
	E. Nuttall Jamaica Telephone Co. et al C. L. Haley & Co. Clinckett, & Coates	do Telephone service Office rent	23.
	C. L. Haley & Co	Office rent	90.
	Clinckett & Coates		88,
	A. B. Smith	do	85.
.~~	W. B. Moses & Sons	Chairs, etc Telegraph service	24. 39.
25	Direct West India Cable Co., Limited	Telegraph service	39.
	Clinckett & Coates A. B. Smith W. B. Moses & Sons Direct West India Cable Co., Limited C. H. Richardson Cuba Submarine Telegraph Co P. McDonough Leon J. Guthrie Paul De Grow W. H. Alexander	Telegraph service Lice, etc Telegraph service Postage stamps, etc Postage Lice, etc do do	12.
	D McDopough	Postago stamps ata	11.
	Leon I Guthrie	Postage stamps, etc	23. 9.
26	Paul De Grow	Ico etc	9. 11.
.20	W H Alexander	do	11.
	W. H. Alexander B. M. Geddings	do	11. 7.
	Louis Dorman	do Cleaning office. Electric services Printing bulletins	79.
	Chas. E. Ashcraft. Sociedad Anomina Luz Electrica The News Publishing Co	Cleaning office.	19. 7.
- 1	Sociedad Anomina Luz Electrica	Electric services	7.
	The News Publishing Co	Printing bulletins	25.
	Ed. Newman & Co	Ice, etc	10.
	W. H. Johnson & Co	Ice	12. 120.
	Successors to J. B. Vicini	Office rent	120.
30 31	Union Typewriter and Supplies Co	Ribbon support	252. 70.
31	Chas. E. Marvin	Services	25%.
	Jno. W. Towers	OD	70. 70.
	Wm H Alexander	do	101
	Patk McDonough	do	101. 109.
	Wm J A Schoppe	do	70.
	Jas. H. Kimball	do	70.
	Jas. L. Bartlett	do	101.
	R. A. Fessenden	do	252. 101.
	Frank W. Very	do	101.
	Harry O. Geren	do	70.
	Frank Montgomery	do	70.
	The News Publishing Co Ed. Newman & Co W. H. Johnson & Co Successors to J. B. Vicini Union Typewriter and Supplies Co Chas. E. Marvin. Jno. W. Towers Wm. C. Deversaux Wm. H. Alexander Patk. McDonough Wm. J. A. Schoppe Jas. H. Kimball Jas. L. Bartlett R. A. Fessenden Frank W. Very Harry O. Geren Frank W. Very Calvin A. Mueller Ernst T. Giers Wm. B. Stockman	00	70.
	Calvin A. Muener Ernst T. Giers Wm. B. Stockman M. W. Hayes H. G. McDonald Luis Ga y Carbonell Fredk P. Latimer Carmelo Sevilla F. G. Tingley Chas. H. Richardson Wm. T. Lathrop Paul De Graw Chas. E. Ashcraft, jr Richd. M. Geddings G. Harold Noyes Jos. Lopez A. V. Randall Louis Dorman O. C. Read L. J. Guthrie	do	84.
	M W Havee	do .	168. 99. 101.
	H G McDonald	do	101
	Luis Ga y Carbonell	do	101.
	Fredk. P. Latimer	do	101. 45. 25.
	Carmelo Sevilla	do	25.
	F. G. Tingley	do	84.
	Chas. H. Richardson	do	101. 84.
	Wm. T. Lathrop	do	84.
	Paul De Graw	do	101.
	Chas. E. Ashcraft, jr	do	100
	Kicha, M. Geddings	ao	84. 126. 101.
	Log Long	do	40.
	A V Randall	do	101
	Louis Dorman	do	101. 101.
	O. C. Bead	do	25
	L. J. Guthrie.	do	101.
	A. M. Curtin	do	101. 42.
ov. 3	Wm. T. Lathrop	Office expenses	3.
	Wm. B. Stockman	do	12.
	Wm. C. Devereaux	Traveling expenses	9. 33.
8	Ernst T. Giers	do	33.
	L. J. Guthrie A. M. Curtin Wm. T. Lathrop Wm. B. Stockman Wm. C. Devereaux Ernst T. Giers P. Fernandez y Ca. Laureano Fuentes Teresa Joerg y Belot Jose Nuza	do	169.
		Office rent	30.
	Laureano Fuentes	Omigo rond	100.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. METEOROLOGICAL OBSERVATION STATIONS—Continued.

Dat	te.	Name.	Nature of payment.	Total.
190	0			
Nov.	12	Manuel G. Roves The French Telegraph Cable Co. do International Ocean Telegraph Co. Baltimore and Ohio R. R. Co. Mittag & Volger W. B. Stockman R. M. Geddings The United States and Haiti Telegraph and Cable Co. The French Telegraph and Cable Co. Cuba Submarine Telegraph Co. Southern Rwy. Co. Alabama Midland Rwy. Co. Chas. F. Marion Jno. W. Towers W. H. Alexander Patck. McDonough W. J. A. Schoppe Jas. H. Kimball Jas. L. Bartlett Harry O. Geren Frank Montgomery. C. A. Mueller Richd. M. Geddings Ernst T. Giers Wm. B. Stockman M. W. Hayes H. G. M. Co. M. T. Lathrop Paul De Graw Reginald A. Fessenden Chas. E. Ashcraft. jr G. H. Louis Dorman O. C. Read L. J. Guthrie Wm. C. Deveraux Sociedad Anomina Luz Electrica Paul De Graw M. C. Peveraux Sociedad Anomina Luz Electrica	Office rent	\$40.00
	19	The French Telegraph Cable Co	Telegraph services	110.40 196.75
		International Ocean Telegraph Co	do	2. 17 11. 10
	۰	Cuba Submarine Telegraph Co	do	11.10
		Mittag & Volger	Carbon naper	16.00 54.00
	22	W. B. Stockman	Traveling expenses	8.40
		R. M. Geddings	Tolograph convices	64.25 278.39
		and Cable Co.	Telegraph services	210.99
		The French Telegraph and Cable Co	do	291. 72 247. 97
	23	Southern Rwy Co	Passenger transportation	39.65
		Alabama Midland Rwy. Co	do	40.00
	30	Chas. F. Marion	Services	244.60 68.40
		W. H. Alexander	do	97.80
		Patck. McDonough	do	106.00
		W.J.A. Schoppe	do	68.40 68.40
		Jas. L. Bartlett	do	97.80
		Harry O. Geren	do	68.40
		C. A. Mueller	do	$68.40 \\ 68.40$
		Richd. M. Geddings	do	122.20 81.60
		Ernst T. Giers Wm B Stockman	do	81.60 163.00
		M. W. Haves	do	122.20
		H. G. McDonald	do	97.80
		Carmelo Sevilla	do	97.80 97.80 25.00
		Franklin G. Tingley	do	81.60
	- 1	Chas. H. Richardson	do	97.80
		Paul De Graw	do	81.60 97.80
		Reginald A. Fessenden	do	244.60
		Chas. E. Ashcraft, jr	do	81.60 97.80
	1	Jos. Lopez	do	40.00
		A. V. Randall	do	97. 80 97. 80 25. 00
		O. C. Read	do	25.00
		L.J. Guthrie	do	97.80
		Wm. C. Deveraux Sociedad Anomina Luz Electrica Paul De Graw.	Electric lights	70.66 7.20
		Paul De Graw	Office expenses	$7.20 \\ 10.50$
Dec.	3	C. H. Richardson	do	12.02
Dec.	9	do	do do	14. 15 37. 70 45. 00
	4	Jas. E. Ward & Co., Incorporated	do	45.00
	l l	Wm. H. Alexander The News Publishing Co	Office expenses	11.17 18.73
	1	C. L. Haley & Co	Office rent	30,00
	10	Paul De Graw C. H. Richardson Southern Rwy. Co do Jas. E. Ward & Co., Incorporated Wm. H. Alexander The News Publishing Co C. L. Haley & Co Laureano Fuentes M. G. Copeland & Co	do	30.00
	11	do Jas. E. Ward & Co., Incorporated. Wm. H. Alexander The News Publishing Co C. L. Haley & Co Laureano Fuentes M. G. Copeland & Co Jose Nuza Teresa Joerg y Belot M. W. Hayes do	do	667. 00 20. 00
		Teresa Joerg y Belot	do	100.00
		M. W. Hayes	Office expenses	3.50
	14	do Postal Telegraph Cable Co J. Baumgarten & Sons	do Telegraph services Rubber stamp Office rent Telegraph services	12.08 95.75
			Rubber stamp	. 61
			Telegraph services	40.00 101.84
	18	Western Union Telegraph Co Cuba Submarine Telegraph Co The United States and Haiti Telegraph and Cable Co. The French Telegraph Cable Co	dodododo	12. 25
		and Cable Co	do	126.87
		The French Telegraph Cable Co	do	256.34
	19	Sociedad Anomina Luz Electrica	do Electric lights Office expenses do Passenger transportation	25.20 7.20
	19	H C McDonold	Office expenses	7.20 10.10
	200	A. G. McDonard Chas. H. Richardson A. E. Outerbridge & Co Richd. M. Geddings Chas. F. Marvin Jno. W. Towers.	do	12.18
	$\frac{20}{31}$	A. E. Outerbridge & Co	Passenger transportation Services	63.00
	91	Chas. F. Marvin	Servicesdo	81. 52 252, 70
		Jno. W. Towers	do	252.70 70.80
		Wm. J. A. Schoppe	do	101.10 70.80
	1	Wm. H. Alexander Wm. J. A. Schoppe Jas. W. Kimball Jas. L, Bartlett	do	70.80
	1	Jas. L, Bartlett	dodo	101, 10

Date.	Name.	Nature of payment.	Total.
1900.			
ec. 31	R. A. Fessenden Harry O. Geren	Services	\$252. 70.
	Harry O. Geren	do	70.
	Harry O. Geren Frank Montgomery. C. A. Mueller Ernst T. Giers Wm. B. Stockman M. W. Hayes H. G. McDonald Luis Ga y Carbonell Wm. C. Devereaux Carmelo Sevilla F. G. Tingley Chas. H. Richardson W. T. Lathrop Paul De Graw G. Harold Noyes Jas. Lopez Albert V. Randall Louis Dorman O. C. Read L. J. Guthrie	do	70.
	Ernst T. Giers	do	. 70.
	Wm. B. Stockman	do	84.1 168.
	M. W. Hayes	do	126.
	H. G. McDonald	do	101.
	Luis Ga y Carbonell	do	101.
	Carmelo Sevilla	do	84.2 25.0
	F. G. Tingley	do	84.
	Chas. H. Richardson	do	84. 101.
	W.T.Lathrop	do	84. 101.
	Paul De Graw	do	101.
	G. Harold Noyes	do	101. 1 40. 0
	Albert V Randall	do	101
	Louis Dorman	do	101. 101.
	O. C. Read	do	25.0
	L.J. Guthrie	do	101.
	Total second quarter		14,215.
1901. an. 3	United States Express Co	Transportation	1.
	Southern Rwy. Co	Passenger transportation	32
	Southern Rwy. Co do Jos. L. Cline	Passenger transportationdo	32.1 16.
4	Jos. L. Cline	Services	48.
	P. Fernandez y Ca	Printing crop report, etc	79.
5	Paul De Graw Jose Valenti A. E. Outerbridge & Co Boulton, Bliss & Dallett Laureano Fuentes Successor to J. B. Vicini C. L. Halley & Co Wm. H. Alexander A. J. Henry do	Office expenses	10.
	Jose valenti	Office rent Passenger transportationdo Office rent	75. 51.
	Boulton Bliss & Dallett	do	50.
7	Laureano Fuentes	Office rent	30.
	Successor to J. B. Vicini	do	120.
	C. L. Halley & Co	Office expenses	30.
11	Wm. H. Alexander	Office expenses	10.
11	A.J. Henry	Traveling expenses Office expenses Office rent	85. 32.
16	do D. Hope Ross Chas E. Ashcraft, jr Cuba Submarine Telegraph Co Julien P. Friez Teresa Joerg y Belot Jose Nuza S. H. A. Greet The News Publishing Co Texas and New Orleans R. R. Co The News Publishing Co O. C. Read Manuel G. Roves Jno. J. O'Donnell E. Nuttall A. B. Smith	Office rent	72.
10	Chas. E. Ashcraft, ir	Services Telegraph services Rain gauges Office rent	93.
	Cuba Submarine Telegraph Co	Telegraph services	21.
	Julien P. Friez	Rain gauges	142. 100.
	Teresa Joerg y Belot	Office rent	100. 20.
	S H A Croot	do	8.
17	The News Publishing Co	Services Printing crop bulletins, etc Passenger transportation	20.
11	Texas and New Orleans R. R. Co.	Passenger transportation	12.
18	The News Publishing Co	Frinting crop report, etc Office expenses	12. 17.
	O. C. Read	Office expenses	10.
	Manuel G. Roves	Office rent	40.
21	F. Nattell	Services Office rent	26. 109.
A1	A B Smith	do	85.
	Leon J. Guthrie	Office expenses	9.
	M. W. Hayes Wm. H. Alexander Louis Dorman	do	12. 13.
	Wm. H. Alexander	do	13.
			64. 50.
	Cuba and Pan-American Evaress Co	Transportation	24
	Cuba and Pan-American Express Co Jamaica Telephone Co., Limited J. L. Bartlett	Telephone rent	24. 23.
23 25	J. L. Bartlett	Traveling expenses	6.
25	C. H. Richardson	Office expenses	12.
01	Jose M. Castillo	1ce	9.
31	Unas. F. Marvin	Services	79
	Wm H. Alexander	do	103.
	Jno. J. O'Donnell	do	258. 72. 103. 103.
	W. J. A. Schoppe	do	72. 72.
	J. H. Kimball	do	72.
	Jas. L. Bartlett	do	
	K. A. Fessenden	do	798.
	Frank Montgomery	do	72
	Calvin A. Mueller	do	258. 72. 72. 72.
	Ernst T. Giers	do	86.
	J. L. Bartlett C. H. Richardson Jose M. Castillo Chas. F. Marvin Jno. W. Towers Wm. H. Alexander Jno. J. O'Donnell W. J. A. Schoppe J. H. Kimball Jas. L. Bartlett R. A. Fessenden H. O. Geren Frank Montgomery Calvin A. Mueller Ernst T. Giers S. H. Austin Greet W. B. Heckman M. W. Hayes H. G. McDonald	do	25.
	W R Hackman	do	172. 129.
	W. B. Heckman		

METEOROLOGICAL OBSERVATION STATIONS—Continued.

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Fe

Date.	Name.	Nature of payment.	Total.
1901.	Luis Ga y Carbonell Wm. C. Devereaux Carmelo Sevilla Franklin G. Tingley. C. H. Richardson Wm. T. Lathrop Paul De Graw Chas. E. Asheraft, jr. Jos. L. Cline. G. H. Noyes Jose Lopez A. V. Randall Louis Dorman O. C. Read. L. J. Guthrie. Patek. McDonough Pennsylvania R. R. Co. Henry J. Green. Ed. Newman & Co The French Telegraph Cobleman		
n. 31	Luis Ga y Carbonell	Services	\$103.3 86.1
	Wm. C. Devereaux	do	25. 0
	Carmelo Sevilla	do	86.1
	C. H. Richardson	do	86. 1 103. 3
	Wm. T. Lathrop	do	86 1
	Paul De Graw	do	103.3 103.3 129.2
	Chas. E. Ashcraft, jr	do	103.3
	C H Noves	do	103.3
	Jose Lonez	do	40.0
	A. V. Randall	do	40. 0 103. 3 103. 3
	Louis Dorman	do	103.3
	O. C. Read	do	25. 0 103. 3
	L.J. Guthrie.	do	103. 5
b. 1	Pennsylvania R. R. Co	Passenger transportation	6.5
o. 1	Henry J. Green	Thermometers	325.0
	Ed. Newman & Co	Oil, ice, etc.	8. 0 25. 6
	The French Telegraph-Cable Co	Telegraph services	25.6
	do	do	135.7
	International Ocean Telegraph Co	do	12.6 132.6
	International Ocean Telegraph Co. United States and Haiti Telegraph and Cable Co. Clindlett & Costes	uo	152.0
	Clinckett & Coates	Office rent	88.0
			88.0 60.0
4	P. McDonough	Office expenses Telegraph services.	12.4
	Cuba Submarine Telegraph Co	Telegraph services	123.5
	The International Ocean Telegraph Co	Passenger transportation	5. 4 13. 0
	A E Outerbridge & Co	Passenger transportation	60.0
	D. D. Riviere P. McDonough Cuba Submarine Telegraph Co The International Ocean Telegraph Co Pennsylvania R. R. Co A. E. Outerbridge & Co Sociedad Anomina Luz Electrica P. Fernadez, V. Ca	Electric lights	7.2
	1 · 1 · CI II · II · CI II · CI · CI · C	lating	52.0
_	C. L. Haley & Co Patck. McDonough P. Fernandez y Ca	Office rent	30.6
5 8	Patck. McDonougn	Services Printing climate and crop bul-	97.5 117.0
0	1. Fernandez y Ca	letins.	111.0
	Jose Nuza	Office rent	20.0
	Manuel G. Roves	do	40.0
	Jose Nuza. Manuel G. Roves Teresa Joerg y Belot. West India and Panama Telegraph Co.,	Telegraph services.	40.0 100.0
			1,798.0
	The French Telegraph Cable Co. Cuba Submarine Telegraph Co., Limited. W. T. Lathrop. Paul De Graw.	do	$112.2 \\ 10.8$
9	W. T. Lathron	Office expenses	2.0
_	Paul De Graw	do	15.0
	Postal Telegraph-Cable Co	do	28, 4
	Western Union Telegraph Co	do	63. 8 358. 0
	The C Perker	T otton gaplo	308. U 3. (
	Eherhard Faher	Rubber hands	676.0
13	A. Testart	Office expenses	8.9
	Paul De Graw Postal Telegraph-Cable Co Western Union Telegraph Co Cuba Submarine Telegraph Co Jno. C. Parker Eberhard Faber A. Testart Sociedad Anomina Luz Electrica B. P. Clarke Co	do Letter scale Rubber bands Office expenses Installation of electric light Supplies	12.0
18		Supplies	164.2
	Postal Telegraph-Cable Co- Wyckoff, Seamans & Benedict-	Telegraph services Paper Transportation do Paper Office expenses Traveling expenses	164.2 31.3 27.9
	United States Express Co	Transportation	5. 7
	do	do	. 0
19	Jno. W. Stonebraker	Paper	64. 7 10. 2
	Wyckoli, Seamans & Benefitet United States Express Co do Jno.W. Stonebraker M. W. Hayes J.J. O'Donnell	Office expenses	10.2
20	J.J.O'Donnell		28. 1 21. 5
20	Morris European and American Express Co.	Transportation do Passenger transportation. Telegraph servicedo Office expensesdododoTraveling expenses Office rent Transportation Servicesdo	
23	do Southern Rwy. Co- The Cuban Submarine Telegraph Co- Postal Telegraph-Cable Co- A. V. Randall C. H. Richardson. Wm. H. Alexander P. McDonough C. L. Haley & Co- Baltimore and Ohio R. R. Co- Wm. H. Alexander Jno. J. O'Donnell W. J. A. Schoppe Jas. H. Kimball Jas. L. Bartlett Harry O. Geren	Passenger transportation	14.3 37.3
	The Cuban Submarine Telegraph Co	Telegraph service	6.4
	Postal Telegraph-Cable Co	do	6. 4 83. 9
	A. V. Randall	Office expenses	20.2
	U. H. Richardson	do	11.6
	W III. H. Alexander	Treveling expenses	11.1
	C. L. Haley & Co	Office rent	26. 8 30. 0
25	Baltimore and Ohio B. B. Co	Transportation	90. t
NO	Wm. H. Alexander	Services	1. 4 93. 4
	Jno. J. O'Donnell	do	93. 4
	W. J. A. Schoppe	do	65.4
	les H Vimbell	do	65.4
	Jas. II. Killioan		93. 4

 $Expenditures\ of\ Department\ of\ Agriculture\ for\ year\ ending\ June\ 30,\ 1901-{\bf Cont'd.}$

Date.	Name.	Nature of payment.	Total.
1901.	Frank Montgomery. Calvin A. Mueller S. H. A. Greet W. B. Stockman M. W. Hayes Luis Ga y Carbonell. Wm. C. Devereaux H. G. McDonald Carmelo Sevilla F. G. Tingley C. H. Richardson R. A. Fessenden Wm. T. Lathrop Paul De Graw Chas. E. Ashcraft, jr Jos. L. Cline G. H. Noyes Jos. Lopez A. V. Randall Louis Dorman Leon J. Guthrie Chas. F. Marvin Jno. W. Towers Erust T. Giers The Cuba Submarine Telegraph Co. Jno. C. Parker Postal Telegraph-Cable Co		
eb. 28	Frank Montgomery	Services	\$65.
	Calvin A. Mueller	do	65. 25. 155.
	S. H. A. Greet	do	25.
	W. B. Stockman	00	155.
	Luis Ga v Carbonall	do	116.
	Wm. C. Devereaux	do	93. 77.
	H. G. McDonald	do	93.
	Carmelo Sevilla	do	25. 77.
	F. G. Tingley	do	77.
	C. H. Richardson	do	93.
	R. A. Fessenden	do	233. 77. 93.
	Wm. T. Lathrop	do	77.
	Class E Ashanoft in	00	99.
	Joe I. Clino	do	93. 116.
	G H Noves	do	93
	Jos Lopez	do	93. 40.
	A. V. Randall	do	93.
	Louis Dorman	do	93.
	Leon J. Guthrie	do	93. 93. 93.
	Chas. F. Marvin	do	933
	Jno. W. Towers	do	65. 77. 9.
	Ernst T. Giers	m-1	77.
ar. 5	Inc C Parker	Paper eta	396.
6	Doetal Talagraph-Cable Co	Tolograph sarvice	129
7	Ino C. Parker Postal Telegraph-Cable Co A. V. Randall Laureano Fuentes	Paper, etc. Telegraph service Expenses Office rent	129. 18.
	Laureano Fuentes	Office rent	30.
		do	30.
	Pennsylvania R. R. Co	Passenger transportation	6.
	Central R. R. Co. of New Jersey	do	6.
	Paul De Graw	Office expenses	10.
12	United States Express Co	Transportation	3. 40.
13	Manuel G. Roves	Office rent	20.
	Central R. R. Co. of New Jersey Paul De Graw United States Express Co Manuel G. Roves M. W. Hayes Jose Nuza Teresa Joerg y Belot Jno. T. West O. C. Read G. H. Noyes Department of the interior of Porto Rico	- do Passenger transportation do Office expenses Transportation Office rent Office expenses Office rent	20.
	Teresa Joerg v Belot	do	100
	Jno. T. West	Printing report	25. 25. 11. 66.
14	O. C. Read	Services Office expenses Office rent	25.
	G. H. Noyes	Office expenses	11.
	Department of the interior of Porto Rico.	Office rent	66.
10	do	Printing bulletins	
19	P. Fernandez y Ca	Printing bulletins	78.
90	Department of the interior of Porto Ricodo P. Fernandez y Ca Chas. E. Ashcraftj, r W. T. Lathrop C. H. Richardson The West India and Panama Telegraph Co. G. H. Noyes J. Edw. Turton Morris European and American Express Co.	Office expensesdo	78. 25. 3.
20	C H Pichardson	do	11
	The West India and Panama Telegraph Co.	Telegraph service	2.
	G. H. Noves	Office expenses	11. 2. 42.
22	J. Edw. Turton	File cases	36. 6.
	Morris European and American Express	Transportation	6.
			00
	do	do	38.
	dodo	dodo	5. 7.
	Morris European and American Express Co.	do	4.
	Pennsylvania R. R. Co	do	
		á a	2.
	- do - do Paul De Graw Wm. H. Alexander	do	
23	Paul De Graw	Office expenses	10.
	Wm. H. Alexander	office rent Envelopes Transportation	10.
	Croney & Co. United States Envelope Co. Morris European and American Express	Office rent	30.
20	United States Envelope Co	Envelopes	613. 23.
28	Morris European and American Express	Transportation	<i>40.</i>
	Co.	do .	
30	Chas F Marvin	Sarvicas	258
90	Jno W Towers	do	72.
	Wm. H. Alexander	do	258. 72. 103.
	Jno. J. O'Donnell	do	103.
	Co. Pennsylvania R. R. Co. Chas F. Marvin. Jno, W. Towers Wm. H. Alexander Jno. J. O'Donnell. Wm. J. A. Schoppe Jas. H. Kimball. Jas. L. Bartlett Harry O. Geren Frank Montgomery Calvin A. Mueller S. H. A. Greet Wm. B. Stockman M. W. Hayes H. G. Montgomery	do	103. 103. 72, 72. 103.
	Jas. H. Kimball	do	72.
	Jas. L. Bartlett	do	103.
	Harry O. Geren	do	
	Frank Montgomery	do	72. 72.
	Calvin A. Mueller	do	72.
	S. H. A. Greet	do	25. 172
	W III. B. Stockman	do	172. 129.
			103.

Date.	Name.	Nature of payment.	Total.
1901.	Luis Ga y Carbonell Wm. C. Devereaux Carmelo Sevilla Franklin G. Tingley Chas. H. Richardson R. A. Fessenden Wm. T. Lathrop Paul De Graw Chas. E. Ashcraft, ir Josephine L. Cline G. H. Noyes Joseph Lopez Albert V. Randall Louis Dorman O. C. Read L. J. Guthrie Danl. J. Herndon		
Mar. 30	Luis Ga y Carbonell	Services	\$103.30
	Wm. C. Devereaux	do	86.10
	Franklin G. Tingley	do	86. 10
	Chas. H. Richardson	do	25. 00 86. 10 103. 30
	R. A. Fessenden	do	258.30
	Wm. T. Lathrop.	do	86. 10 103. 30 103. 30
	Ches E Ashersft in	do	103.3
	Josephine L. Cline	do	129.20
	G. H. Noyes	do	129. 20 103. 30 40. 00
	Joseph Lopez	do	40.0
	Albert V. Randall	do	103.30 103.30
	O C Read	do	25.0
	L. J. Guthrie	do	25.0 103.3
	Danl. J. Herndon	do	93.30
	Total third quarter		17,993.20
9	Western Union Telegraph Co	Sarrian	0.1
Apr. 2	The Cuba Submarine Telegraph Co	do	9. 1. 9. 7
	Western Union Telegraph Co	Office rent	9. 77 75. 00
	Jose Valenti D. Hope Ross Postal Telegraph Cable Co Cuba Submarine Telegraph Co P. Fernandez y Ca Laureano Fuentes Jose Nuza Teresa Jeorg y Belot A. B. Smith Department of the interior of Porto Rico. E. Nuttall Manuel G. Roves P. Fernandez y Ca Natallo Ruiz	do	72.0
6	Postal Telegraph Cable Co	Service	96.2
10 11	Cuba Submarine Telegraph Co	Printing aron summary	35. 0
11	Laureano Fuentes	Office rent	30. 0
17	Jose Nuza	do	20.0
	Teresa Jeorg y Belot	do	100.0
	A. B. Smith	do	85.3
	Department of the interior of Porto Rico	do	138.7 109.5 40.0
	Manuel G Roves	do	40.0
	P. Fernandez v Ca	Printing bulletins	78.0
	Natalio Ruiz Sociedad Anomina Luz Electrica The Southern Kansas Rwy. Co. The Friedenwald Co.	Painting Electric light Passenger transportation	78.0 12.0
	Sociedad Anomina Luz Electrica	Electric light	21.6
. 10	The Southern Kansas Rwy. Co	Passenger transportation	46. 10
18	The Friedenwald Co News Publishing Co Jamaica Telegraph Co., Limited M. W. Hayes The Friedenwald Co H. G. McDonald Lovis, Downard	Passenger transportation Duplicating paper Printing reports Rent Office expenses Paper wrappers Services Office expenses	280.0
	Jamaica Telegraph Co., Limited	Rent	54. 4 23. 2 12. 2
19	M. W. Hayes	Office expenses	12.2
2.	The Friedenwald Co	Paper wrappers	
24	Louis Dorman	Services	6. 5
	C. H. Richardson	do	11.8
	Leon J. Guthrie	do	9.8
26	Ed Newman & Co	Ice and oil	9.8 10.3
	Clenckett & Coates	Rent of office	88.0
27	Paul De Graw	Expenses of office	10.50
21	D O Riviere	Office rent	45. 0 60. 0
	Cuba Submarine Telegraph Co	Service	2.4
30	G. H. Noyes	Services	2. 4 98. 9
	L.J. Guthrie	do	98.9
	Joseph L. Cline	do	123.6
	Danl J Herndon	do	15.8
	Chas. F. Marvin	do	15.8 85.7 247.2
	Jno. W. Towers	do	69. 2
	Wm. H. Alexander	do	69. 2 98. 9 98. 9
	Jno. J. O'Donnell	do	98.9
	Wm.J.A.Schoppe	do	69. 2 69. 2
	Jas. L. Bartlett	do	98.9
	Harry O. Geren	do	69.2
	Frank Montgomery	do	69.2 69.2
	Calvin A. Mueller	do	69.2
	Wm R Stockman	do	25.0
	M. W. Haves	dodo	164.8 123.6
	H. G. McDonald Louis Dorman C. H. Richardson Leon J. Guthrie Ed Newman & Co Clenckett & Coates Paul De Graw New York and Cuba Mail S. S. Co D. O. Riviere Cuba Submarine Telegraph Co. G. H. Noyes L. J. Guthrie Joseph L. Cline Carmelo Sevilla Danl. J. Herndon Chas. F. Marvin Jno. W. Towers Wm. H. Alexander Jno. J. O'Donnell Wm. J. A. Schoppe Jas. A. Kimball Jas. L. Bartlett Harry O. Geren Frank Montgomery Calvin A. Mueller S. H. A. Greet Wm. B. Stockman M. W. Hayes Luis Ga y Carbonell Wm. C. Devereaux Franklin G. Tingley Chas. H. Richardson R. A. Fessenden W. T. Lathrop Paul De Graw Chas. E. Ashcraft, jr Louis Dorman	do	104. 8 123. 6 98. 9 82. 4 82. 4 98. 9 247. 2 82. 4
	Wm. C. Devereaux	do	82.4
	Franklin G. Tingley	do	82.4
	Chas. H. Kichardson	do	98.9
	W T Lathron	do	89 4
	Paul De Graw	do	98. 96 98. 96
	Chas E Ashcraft ir	do	98.9
			98.9

Date.	Name.	Nature of payment.	Total
1901.	Jos. Lopez A. V. Randall O. C. Read Wm. T. Lathrop Hoke Engraving Plate Co. Wm. H. Alexander I. P. Roosa Chas. E. Ashcraft, jr. Wm. B. Stockman Croney & Co. Laureano Fuentes Successors to J. B. Vicini Western Union Telegraph Co. A. V. Randall do. J. L. Cline.		
or. 30	Jos. Lopez	Services	\$40.
	A. V. Kandall	do d	98.
0	W T I		25.
ay 2	Wm. T. Lathrop	Office expenses	3.
ð	Wm H Alexander	Recoating plates	3.
	I D Passa	Office expenses	12 15
	Ches F Asharoft in	do	15
	Wm P Stockman	They line owners	25
	Croner & Co	Rent of office	8.
	Laureano Fuentes	do	30 30
6	Successors to J. B. Vicini	do	120
U	Western Union Telegraph Co	Services	7 20 22 22 91
10	A. V. Randall	Office expenses	20
10	do	do	2
	J. L. Cline	Traveling expenses Printing bulletins Office rent	22
11	P. Fernandez y Ca	Printing bulletins	91
	Jose Nuza	Office rent	20 100
	Teresa Jeorg y Belot.	do	100
13	do J. L. Cline P. Fernandez y Ca Jose Nuza Teresa Jeorg y Belot United States Express Co	Transportation	7
	do	do	
21	Western Union Telegraph Co	Service	7
	Manuel G. Roves	do	40
	do Western Union Telegraph Co. Manuel G. Roves Benito Castellanos Jos. L. Cline Postal Telegraph Cable Co. Morris European and American Express Co. Ltd.	Services	10
11	Jos. L. Cline	Office expenses	13
23 29	Postal Telegraph Cable Co	Service Transportation	13 117 19
29	Morris European and American Express	Transportation	19
	Co., Ltddododododododododododododododododododo	do	
	do	do	- 4 9
	Ponneylyania P. P. Co	do	ຮ
	do	do	1
	do	do	1
	do	do	,
	do	do	
	do	do	
	do	do	2
	do	do	
31	A. E. Outerbridge	Passenger transportation	63
01	Boulton, Bliss & Dallett	do	70
	The French Telegraph Cable Co	Service	6
	C. H. Richardson	Office expenses	11 10
	Paul De Graw	do	10
	T. Frederick Davis	Traveling expenses	13 30 102 255
	Croney & Co	Rent of office	30
	Leon J. Guthrie	Services	102
	C. F. Marvin	do	255
	Jno. W. Towers	do	71 102 102
	Wm. H. Alexander	do	102
	Jno. J. O Donnell		102
	W. J. A. Sahanna	do	255
	Too A Vimball	do	71 71
	M W Heyes	do	127
	I I. Rartlett	do	109
	Harry O Geren	do	102 71
	Frank Montgomery	do	71
	Calvin A. Mueller	do	71
	S. H. A. Greet	do	25
	Wm. B. Stockman	do	170
	W. C. Devereaux	do	85
	F. G. Tingley	do	85 85
	Dan. J. Herndon	do	102 102
	Chas. H. Richardson	do	102
	R. A. Fessenden	do	255
	Wm. T. Lathrop	do	255 85 102
	Paul De Graw	do	102
	Chas. E. Ashcraft, jr	do	102 127 102 40
	Jos. L. Cline	do	127
	G. Harold Noyes	do	102
	Jas. Lopez	do	100
	A. v. Kandall	00	102 25
	U. C. Kead	do	29 90
	Wm H Alexander	do	10.
	w m. n. Alexander	Flore	178
ne 4			
ne 4 11	M. G. Copeland & Co	do	107
11	do do do do A E. Outerbridge Boulton, Bliss & Dallett The French Telegraph Cable Co C. H. Richardson Paul De Graw T. Frederick Davis Croney & Co Leon J. Guthrie C. F. Marvin Jno. W. Towers Wm. H. Alexander Jno. J. O'Donnell Louis Dorman W. J. A. Schoppe Jas. A. Kimball M. W. Hayes J. L. Bartlett Harry O. Geren Frank Montgomery Calvin A. Mueller S. H. A. Greet Wm. B. Stockman W. C. Devereaux F. G. Tingley Dan. J. Herndon Chas. H. Richardson R. A. Fessenden Wm. T. Lathrop Paul De Graw Chas E. Ashcraft, jr Jos. L. Cline G. Harold Noyes Jas. Lopez A. V. Randall O. C. Read T. Fred. Davis Wm. H. Alexander M. G. Copeland & Co Go Rudolph, West & Co D. Frank Parker Laureano Fuentes	do waste cotton	178 107 13

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd. METEOROLOGICAL OBSERVATION STATIONS—Continued.

Date.	Name.	Nature of payment.	Tota
1900.			
une 12	Benito Castellanos Wm. B. Stockman Louis Dorman	Services	\$25 10
	Wm. B. Stockman	Office expenses	10
	Louis Dorman	Traveling expenses	80
	Austin Smith The Cuba Submarine Telegraph Co do P. Fernandes y Co Teresa Joerg y Belot Ed. C. Finlay Pennsylvania R. R. Co	Blotting paper Service do	27 52 3
	The Cuba Submarine Telegraph Co	Service	52
	do	do	. 3
15	P. Fernandes y Co	Printing crop reports	78
	Teresa Joerg y Belot	Office rent	100 85
	Ed. C. Finlay	Omer rent. Services Transportationdo Passenger transportation	85
19	Pennsylvania R. R. Co	Transportation	1
	Pennsylvania R. R. Codo. doBoulton, Bliss & Dallett New York and Cuban Mail S. S. CoPennsylvania R. R. CoLouisville & Nashville R. R. CoSavannah, Florida and Western Ry. CoHerman E. Hobbs J. L. Cline	do	70
	Boulton, Bliss & Dallett	Passenger transportation	70
	New York and Cuban Mail S. S. Co	do	45
	Pennsylvania R. R. Co	do	14
	Louisville & Nashville R. R. Co	do	32
	Savannah, Florida and Western Ry. Co	do	29
	Herman E. Hobbs	Traveling expenses	24
	J. L. Cline Carter, Rice & Co. (Corporation) Manuel G. Roves C. H. Richardson	Book paper	26
	Carter, Rice & Co. (Corporation)	Book paper	80
	Manuel G. Roves	Rent	40
20	C. H. Richardson		11 32
	Wm. H. Alexander	Traveling expenses	32
	Postal Telegraph Cable Co	Office expenses Traveling expenses Service	107
	Western Union Telegraph Co	do	11
	Rudolph, West & Co	Waste cotton	40 74
29	Henry O. Geren	Services	74
	C. H. Richardson Wm. H. Alexander Postal Telegraph Cable Co Western Union Telegraph Co Rudolph, West & Co Henry O. Geren Wm. T. Lathrop Paul De Graw Wm. B. Stockman L. I. C. Doppen	do Waste cotton Services Office expenses	10
	Paul De Graw	do	10
	Wm. B. Stockman	do	11 23
	J. J. O'Donnell	do	23
	J.J.O Donnell M. W. Hayes L. J. Guthrie O. C. Read	Traveling expenses	
	L. J. Guthrie	Services	52 25
	O. C. Read	do	25
	Louis Dorman	do	98
	A. V. Randall	do	98
	Jos. Lopez	do	40
	W. H. Alexander	do	98
	G. H. Noves	do	98
	E. C. Thompson	do	111
	C. E. Asheraft, ir	- do	111 98
	Paul De Graw	do	98
	Wm. T. Lathrop	do	98 82 69 247
	Jas. H. Kimball	do	69
	R. A. Fessenden	do	247
	A. R. Teeple	do	69
	C. H. Richardson	do	98
	Daniel J. Hernden	do	98
	Frank G. Tingley	do	82
	Benito Castellanos	do	29 82
	Edwd. C. Findlay	do	82
	W. C. Devereaux	do	82
	Jas. L. Bartlett	do	98
	M. W. Haves	do	199
	Wm. B. Stockman	do	164
	S. H. A. Greet	do	25
	C. A. Mueller	do	164 25 69
	Frank Montgomery	do	69
	W. J. A. Schoppe	do	69
	Jno. J. O'Donnell	do	98
	H. E. Hobbs	-do	96
	Jno. W. Towers	do	69
	Chas. F. Marvin	do	69 247 82
	T. F. Davis	, do	89
			Or-
	O. C. Read Louis Dorman A. V. Randall Jos. Lopez W. H. Alexander G. H. Noyes E. C. Thompson C. E. Ashcraft, jr Paul De Graw Wm. T. Lathrop Jas. H. Kimball R. A. Fessenden A. R. Teeple C. H. Richardson Daniel J. Hernden Frank G. Tingley Benito Castellanos Edwd. C. Findlay W. C. Devereaux Jas. L. Bartlett M. W. Hayes Wm. B. Stockman S. H. A. Greet C. A. Mueller Frank Montgomery W. J. A. Schoppe Jno. J. O'Donnell H. E. Hobbs Jno. W. Towers Chas. F. Marvin T. F. Davis Total, fourth quarter		13,284
	Supplemental.	-	
,			
aly 1	Jno. C. Parker	Book paperOffice rent	176
. 2	Croney & Co	Office rent	30
	Oroney & Co José Valenti D. Hope Ross Martin B. Stubbs Compagnie Générale Transatlantique A. O. A Drahams J. L. Cline		75
	D. Hope Ross	do	72
	Martin B. Stubbs	Traveling expenses	2
	Compagnie Générale Transatlantique	Passenger transportation	10
	A. O. Abrahams	Repairing clocks	1
3	J. L. Cline	Services	103
	do	Office expenses	11
	Jas. L. Bartlett Martin B. Stubbs M. Du Perow	do do do Traveling expenses Passenger transportation Repairing clocks Services Office expenses Traveling expenses Services Gordon battery, recharge	63
	36 11 73 (1) 23	Travenus expenses	69
อ	Martin B Stubbs		

274 EXPENDITURES IN THE DEPARTMENT OF AGRICULTURE.

Expenditures of Department of Agriculture for year ending June 30, 1901—Cont'd.

METEOROLOGICAL OBSERVATION STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.		
1900.					
July 9	Morris E. A. Express Co	Transportation	\$13.39		
11	Hermann E. Hobbs	Office expenses	9.88		
18	Department of the Interior of Porto Rico.	Office rent	150, 00		
	Successors of J. B. Vicini	do	120.00		
	Cuba Submarine Telegraph Co	Services	4.10		
	International Ocean Telegraph Co	do	1.12		
	Postal Telegraph-Cable Co	do	109.60		
	E. C. Thompson		4.70 31.75		
- 0	do		31.75		
20	Wm. B. Stockman		11.68		
	A. V. Randall		20.25		
00	Louis Dorman		31.25		
23	Jos. L. Cline	Traveling expenses	13.80		
	H. E. Hobbs	Office expenses	13.11		
A	C. H. Richardson	do	12.24		
Aug. 6	M. G. Copeland & Co	Flags	241.00		
7	W.B. Moses & Sons		67.50 9.17		
4	T.F. Davis Paul De Graw		10.50		
	C. E. Ashcraft		21.48		
	P Farmanday w Co	Printing bulletins	79.50		
	P. Fernandez y Ca Sociedad Anónima Luz Eléctrica	Electric light	21.60		
	Jamaica Telephone Co., Limited	Rent	23. 25		
12	Western Union Telegraph Co	Service	18.66		
14	Manuel G. Roves	Office rent	40,00		
11	Teresa Joergy Belot	do	100.00		
	E. Nuttall	do	109.50		
	D. O. Riviere		60,00		
	Clinckett & Coates	do	88.00		
	Laureano Fuentes	do	30,00		
	do	do	30.00		
	A. B. Smith	do	85.35		
	Croney & Co	do	30.00		
17	Pennsylvania R. R. Co	Passenger transportation	6.90		
	New York and Cuba Mail Steamship Co	do	45.00		
	G. H. Noyes	Traveling expenses	30.03		
26	José Castillo	Ice	6.97		
	Ed. Newman & Co	Traveling expenses	7.00		
Sept. 9	Louis Dorman	Traveling expenses	90.60		
10	News Publishing Co	Printing crop bulletins	87.30		
10	Paul De Graw	Omce expenses	2.50		
23	Peninsular and Occidental S.S. Co		22, 50 40, 00		
	Boulton, Bliss & Dallett	do	$\frac{40.00}{21.55}$		
Oat 9	Savannah, Florida and Western R. R. Co	Traveling expenses	21. 55 25. 21		
Oct. 3	Harry O. Geren	Traveling expenses	18.75		
14	Baltimore and Ohio R. R. Co	Passenger transportationdo	15. 35		
	Lonic Bray Co	ao	10. 00		
	Louis Rwy. Co. The Pennsylvania R. R. Co.	do	14.80		
	THE TELLISYIVALIA IV. IV. CO		11.00		
	Total		2,714.16		
	± 0 0001		2,		
	TO THE CLA TO THE ETT. A	INION			
RECAPITULATION.					
First quarter \$10,485.95					
Second quarter 1					
Third quarter					
Fourth quarter					
Supplemental					
Appron			2,714.16		
To	tal		58, 693. 02		
20	VVV		, , , , , ,		







